Interagency Report Control No L0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0053

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1172

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

include Zip Code) PIERCE COLLEGE 6201 WINNETKA AVENUE

WOODLAND HILLS, CA 91371 (818) 347-0551

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	·
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			16		16
5. Cats			18		18
6. Guinea Pigs			Ø		
7. Hamsters			6		
3. Rabbits			6		6
9. Non-Human Primates			Ø		
10. Sheep			Ø		
11. Pigs		,	Ø		
12. Other Farm Animals			Ø		
13. Other Animals			Ø		
ASSURANCE STATEMENTS					-

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

I.	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Danoil J. you	Daroch & Noung M Cottege Dresident	10/18/01
APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 88),	which is obsolete PART 1 - HE	EADQUARTERS

USDA, API

(AUG 91)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0053

Customer Number:

1172

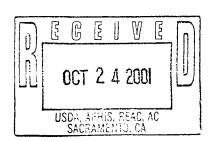
Facility:

PIERCE COLLEGE

6201 WINNETKA AVENUE WOODLAND HILLS, CA 91371

(818) 347-0551

PIERCE COLLEGE 6201 WINNETKA AVENUE WOODLAND HILLS, CA 91371



Larighteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0064 CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)

HEINZ PET PRODUCTS

212 TERMINAL WAY

TERMINAL ISLAND, CA 9073

TERMINAL ISLAND, CA 90731 (310) 519-2891

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		163			163
5. Cats		414			163
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals			· .	OCT 1 8 2006	
				SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	<u> </u>
(Chief Executiv	e Officer or Legally Responsible Institutional official)	
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Lichel Billed	Exchard Rothandel General Manager	10/10/0
ADUIC FORM 7000		

APHIS FORM 7023 (AUG 91) (Replaces VS FÖRM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0066

CUSTOMER NO. 1169

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

SALK INSTITUTE FOR BIOLOGICAL STUDIES

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional 10010 N. TORREY PINES ROAD SALK INSTITUTE FOR BIOLOGICAL STUDIES FACILITY LOCATIONS(sites) LA JOLLA, CA 92037

\ \alpha.	B. Number of	RESEARCH FACILIT	Y (Attach additional above		
Animals Covered By The Animal Welfare Regulations 4. Dogs	animals being bred, conditioned or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL OF ANIM (Cols. C D + E)
5. Cats					
3. Guinea Pigs	4				
. Hamsters			76		76
. Rabbits	7				/0
Non-Human Primates	3		187		187
Sheep			33		33
Pigs					
Other Farm Animals					
Other Animals					
ets			133		
ilS .			133		133
RANCE STATEMENTS Professionally acceptable standard and following actual research, teace tach principal investigator has considered.					133

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching testing, surgery or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the property of all the exceptions is attached to this annual report. In This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	and use.	authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other	
		and to guestian in adequate veterinary care and to guestian in	
1	CERTIFICATION BY	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief T	HEADQUARTERS RESEARCH	
	(Sine Executive (Officer or Landing MESEARCH FACILITY OFFICIAL	
SIGNATURE OF C.E.O. OF	Certify that the at	have been been been been been been been be	
1 0, C.E.O. O	I certify that the at	T HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Sertin	
Dolbart C. a.	THE OF FICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	
Delbert E. Glanz, Executive	Vice President	TILE OF C.E.O. OR INSTITUTIONAL	
	· lee Fresident	Delbot F. C.	
ADINO		Delbert E. Glanz, Executive Vice President	DATE SIGNED
APHIS FORM 7023	(0 - 1	The Fresident	
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), whi		14/04/5
(1.00.51)	1001 88), whi	ich is obsolete	11/21/2001

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

93-R-0066

Customer Number:

1169

Facility:

SALK INSTITUTE FOR BIOLOGICAL STUDIES

10010 N. TORREY PINES ROAD

LA JOLLA, CA 92037

Site A: UCSD Elliott Field Station Site A: 10205 Pomerado Road Site A: San Diego, CA 92131 Site B: UCSD Medical Center Site B: 320 W. Dickinson St. Bldg. A

Site B: San Diego, CA 92103

Site C: University of Colorado Health Sciences Center

Site C: 4200 East ninth Avenue Site C: Denver, Colorado 80262

Lafi9nteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0074 CUSTOMER NO. 1167 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BECKMAN COULTER, INC. P.O. BOX 3100 4300 N. HARBOR BLVD. FULLERTON, CA 92834 (714) 773-4848

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing NIA RANCH FACILITY 30481 GRAND AVE. SUN CITY, CA 92585 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon C. Number of E. Number of animals upon which teaching, animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered teaching, research, bred. which teaching, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs used must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pios 7. Hamsters 8. Rabbits Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals GOATS 42 152 51 203 13. Other Animals ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	,
(Chief Executive C	fficer or Legally Responsible Institutional official)	*
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
<i>†</i> •	VLAD GHIULAMILA, MANAGER OF GLOBAL QUALITY	
V. Levi Renium	SYSTEMS AND EHS	11/02/01

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and tight oversee the adequacy of other.

aspects of animal care and use.

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0074

Customer Number:

1167

Facility:

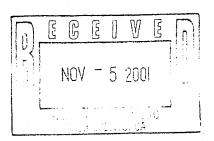
BECKMAN COULTER, INC.

P.O. BOX 3100

4300 N. HARBOR BLVD. FULLERTON, CA 92834

(714) 773-4848

BECKMAN COULTER, INC. 30481 GRAND AVE SUN CITY, CA 92585



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0080 CUSTOMER NO. 1165 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

COSUMNES RIVER COLLEGE 8401 CENTER PARKWAY SACRAMENTO, CA 95823

				SACRAMENTO, CA 95823 (916) 688-7236		
	Il locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach add	ditional	
sheets if necessary.)		F	ACILITY LOCATIONS(sites)			
See Attached Listing						
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)		
Α.	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments,	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.	
Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)	
4. Dogs			14		14	
5. Cats			8		8	
6. Guinea Pigs		4			4	
7. Hamsters						
8. Rabbits		4			4	
9. Non-Human Primates						
10. Sheep			· · · · · · · · · · · · · · · · · · ·			
11. Pígs						
12. Other Farm Animals		<u>'</u>				
		`		`		
13. Other Animals						
					1	
ASSURANCE STATEMENTS				10"Y 10 10 10 10 10 10		
Professionally acceptable sta				of anesthetic analgesic, and tranquilizing drugs, prior to,	during,	
ů		• •	e followed by this research facility	y		
2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In						
	addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and tologic see the adequacy of other					
		CATION BY HEAD	QUARTERS RESEARCH	SACRAMENTO, CA H FACILITY OFFICIAL		
			or Legally Responsible		_	
SIGNATURE OF C.E.O. OR IN	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED					

Merrilee R. Lewis, President

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

11/5/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0082 CUSTOMER NO. 1163

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LOVOLA MARYMOUNT UNIVERSITY

LOYOLA MARYMOUNT UNIVERSITY 7900 LOYOLA BLVD. LOS ANGELES, CA 90045

LOYOLA MARYMOUNT UNIVERSITY					
LOS ANGELES, CA 90045	VERGITI				
	OR UNDER CONTROL C			essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cals. C+ D+E)
4. Dogs				·	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
			*		
13. Other Animals					
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Joseph G. Jabbra	Academic Vice President	10/18/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0084

CUSTOMER NO. 1162

FORM APPROVED S CMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

POMONA COLLEGE 550 N. COLLEGE AVE.

CLAREMONT, CA 91711

	(909) 951-8358
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, I	testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.) - Scaver South Hell, Pomona College	
FĂCILITY LOCA	TIONS(sites)
See Attached Listing	

A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL O B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	F RESEARCH FACILITY C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	(Attach additional sheets if necessity which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs			,		
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
		-			
13. Other Animals					
Kragaroo rats / Chactopidus califor.		8			8
(Chactopidus califor.	nicas)				
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- ian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care		delicinity to distall of the provider of early and resources, or an	
	(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O.	OR INSTITUTIONAL OFFICIAL Amiles	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Patricia Smiles ASSOCIATED TO THE STATE OF T	12-3-0)
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88),	which is obsolete DEC 4 2001	1 - HEADQUARTERS

La interagency Report Control No 120180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0088

CUSTOMER NO. 1161

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF LA VERNE **BIOLOGY DEPARTMENT, ROOM 250** 1950 THIRD STREET LA VERNE, CA 91750 (909) 593-3511

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Α. B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered conducted involving accompanying pain or distress TOTAL NO. which teaching, teaching, research, By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report) Dogs 5. Cats Guinea Pigs Hamsters 3. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 115 200 280 08 Rats 65 Mice ASSURANCE STATEMENTS 1011 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during,

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

OCT 2 9 2001 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and mumber of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive of the control of t	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Stephal C. Margen	Stephen C. Morgan, President	10/18/01

APHIS FORM 7023 (AUG 91) 1

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0098 CUSTOMER NO. 1166

FORM APPROVED DATIS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

I C N PHARMACEUTICALS, INC. 3300 HYLAND AVENUE COSTA MESA, CA 92626 (714) 545-0100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

ICN Biomedicals, 550 Center Hall Road

Cochranville, PA 19330

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	purposes.	relieving drugs.	used.	must be attached to this reporty	
5. Cats		4-E-4-1			
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		289			289
9. Non-Human Primates					
10. Sheep		6			6
11. Pigs					,
12. Other Farm Animals					
Goats		107			107
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				
(Chief Executive C	Officer or Legally Responsible Institutional official)			
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Pela	David Watt, Executive Vice President	11-20-01		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0099

CUSTOMER NO. 1164

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA: include Zip Code)

DREW UNIVERSITY OF MEDICINE & SCIENCE 1621 EAST 120TH STREET

LOS ANGELES, CA 90059

(213) 563-4854 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary. FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, B. Number of C. Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO to the animals and for which the use of appropriate OF ANIMALS By The Animal conditioned, or research. surgery, or tests were conducted involving Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments or teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) experiments, surgery, or tests. (An explanation of research, or involving no pain, distress, or and for which appropriate the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs must be attached to this report) used. 8 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters 105 105 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pias 12. Other Farm Animals 13 Other Animals رج است ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analgesic and transfullizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

+certify-that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Harry E. Douglas III, D. P. A.

Executive Vice President

10/03/01

DATE SIGNED

APHIS FORM 2022 (AUŒ 91)∕

SIGNATURE OF

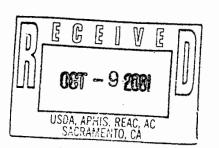
(Replaces ys FORM 18-23 (Oct 88), which is obsolete

C.E.O. OR INSTITUTIONAL OFFICIAL

Annual Report Site Listing: Customer ID and Site Address:

Customer ID: 1164

1731 East 120th Street 3rd Floor, Vivarium Los Angeles, CA 90059 County: Los Angeles



Interagency Report Control No. 13(150180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0003 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SUTTER INST. FOR MED. RESEARCH 52ND AND F STREETS SACRAMENTO, CA 95819

(916) 733-1785

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing Sutter Institute for Medical Research
Research Laboratory Farm for boarding research farm animals
Sutter Memorial Hospital 31489 Road #19
\$2nd and F Sts. 95819 Woodland, CA 95695

REPORT OF ANIMALS USED BY A.	Y OR UNDER CONTROL O B. Number of	F RESEARCH FACILITY C. Number of	O. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Weffare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			13		13
5. Cats			7		7
6. Guinea Pigs			NA		NA
7. Hamsters			NA		NA
Rabbits			NA		ŊA
9. Non-Human Primates			NA		NA
10. Sheep			1		1
11. Pigs			149		149
12. Other Farm Animals					
Goat			1		1
13. Other Animals			NA		NA
ASSURANCE STATEMENTS					

1)	Professionally acceptable standards governing the care, treatment	nent, and use of animals,	including appropriate use of ar	resthetic, analgesic,	and tranquilizing drugs,	, prior tol during
	and following actual research, teaching, testing, surgery, or ex	perimentation were follow	red by this research facility.	SAC	RAMENTO, CA	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) David A. Goldstein, Ph.D.	DATE SIGNED		
	Executive Director Sutter Institute for Medical Research.	10401		

APHIS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No 13(IS 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0006 CUSTOMER NO. 1186

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LOMA LINDA UNIVERSITY ANIMAL CARE FACILITY MC B501 LOMA LINDA, CA 92350 (909) 558-4316

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Risley Hall

Alumni Hall

Evans Hall University Farm

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analyesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	10	0	10
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	25	10	0	35
7. Hamsters	171	0	350	0	350
8. Rabbits	0	3	28	0	31
9. Non-Human Primates	3	0	10	0	10
10. Sheep	47	5	282	0	287
11. Pigs	0	0	52	0	52
12. Other Farm Animals					
Goats	4	0	0	0	0 -
13. Other Animals					
				10/ 4 200 11	

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analgesic and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Bony L Toyler	Barry Taylor, Ph.D. Vice Chancellor for Research Affairs	11-7-01

APHIS FORM 7023 (AUG 91) (Replaces VS/FORM 18-23 (Oct 88), which is obsolete

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0007

CUSTOMER NO. 1187

FORM APPROVED Fa: OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CITY OF HOPE NATIONAL MEDICAL CENTER 1500 E. DUARTE RD. DUARTE, CA 91010 (818) 357-9711

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)					
FACILITY LOCATIONS(sites)					
See Attached Listing Anir	mal Resource	s Center -	Parvin.		
Biomedical Resea	arch Buildin	g			
REPORT OF ANIMALS USED BY			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	والمراب المراب	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	2	14			14
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
	,				
13. Other Animals					
ASSURANCE STATEMENTS AN Expressionally according to according the care treatment and use of animals including properties use of anesthetic analysis and transmitting drups of the during					

Professionally acceptable standards governing the care, treatment, and use or animals, including appropriate use or a fill and following actual research, leaching, testing, surgery, or experimentation were followed by this research with 2 6 200

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulation be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Theodore Krontiris, M.D., Ph.D.	
Exec. V.P. for Medical & Scientific Affairs $\mathcal{U}_{\mathcal{A}}$	SIGNED 20/07

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1, REGISTRATION NO. 93-R-0011 CUSTOMER NO. 1191

FORM APPROVED SILET OMB NO. 0578-0038

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Include Zip Code)

CHILDRENS HOSP OF LOS ANGELES RES. INS, 4850 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027 (213) 889-2230

 REPORTING FACILITY (List all locations where animals were housed or used in actual research 	s, testing, tesching, or experimentation, or held for those purposes. Attach additional
sharts if nanoscary)	

FACILITY LOCATIONS (since)
See Affrached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach additional sheets if nacessary of use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching. animals upon which teaching, pnied alemine experiments, research, surgery or tests were bred, Anumate Covered conducted involving accompanying pain or distress to the animals and for which the use of appropriate TOTAL NO. beaching, research, By The Animal Welfare Regulations conditioned, or research. surgery, or tests were conducted involving OF ANIMALS nela for use in experiments, or anosthetic, analgesic, or tranquilizing drugs would have advertely affected the procedures, results, or tests were conducted teaching, testing, accompanying pain or (Cols. C+ distress to the snimels interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of 0+6 involving no pain; distress, or research, or and for which appropriate surgery but not anesthetic, analgesic, or the proced is producing pain or distress in these animals and the reasons such drugs were not used Tanquilizing drugs were yet used for such use of painrelieving drugs used. must be attached to this report). υ 0 Ū Ð O 4. Dogs 0 0 0 0 0 5. Cats 0 0 52 $\overline{\mathbf{0}}$ 52 6. Guinea Pigs 0 7. Harnsters 0 0 15 15 0 0 0 51 51 8. Rabbits 0 0 0 0 0 9. Non-Human Primates 0 0 0 0 0 10. Sheep 0 0 0 0 0 11. Pigs $\overline{0}$ 0 0 0 0 12. Other Farm Animals

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anisathetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered attenuatives to painful procedures.

N/A

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal imestigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use;

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

| certify that the above is true, cornect, and complete (7 U.S.C. Section 2143)

| SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
| Yves A. DeClerck, Director of Research; | (1, 16.0)
| Vice-President, Research Institute

APHIS FORM 7023 (AUG 91)

13, Other Animals

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

NOV 2 I 2001

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0011

Customer Number:

1191

Facility:

CHILDRENS HOSP OF LOS ANGELES RES. INS.

4650 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027

(213) 669-2230

CHILDRENS HOSP OF LOS ANGELES RES. INS. 4650 SUNSET BLVD., M.S. #84 LOS ANGELES, CA 90027

NOV 2 1 2001

Larisnteragency Report Control No 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0015 CUSTOMER NO. 1192

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18 LA JOLLA, CA 92037 (858) 784-8048

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A.

B. Number of animals being bried, animals upon which teaching, esperiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate OF ANIMALS

Wildran Requisitors

BY The Animal Covered by The Animal conditioned, or research, but for use in the left for

				ssary or use APHIS FORM 7023A)	F,
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	26	-0-	26
6. Guinea Pigs	-0-	-0-	18	-0-	18
7. Hamsters	-0-	-0-	11	-0-	11
3. Rabbits	-0-	-0-	1,206	-0-	1,206
9. Non-Human Primates	-0-	~0-	103	-0-	103
10. Sheep	-0-	-0-	-0-	-0-	-0-
11. Pigs	-0-	-0-	-0-	-0-	-0-
12. Other Farm Animals					
goats	7	-0-	-0-	-0-	-0-
13. Other Animals					
naked mole rat	19	-0-	-0-		-0-
				NOV 4 2801	
ASSURANCE STATEMENTS				NUV 1 4 ZOOI	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

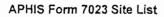
2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Of	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional official) ve is true, correct, and complete (7 U.S.C. Section 2143)	
$\sim \sim 1$	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Douglas A. Bingham, Executive Vice-President	DATE SIGNED

APHIS FORM 7023 (AUG 91)



The following sites have been reported by the facility.

Registration Number:

93-R-0015

Customer Number:

1192

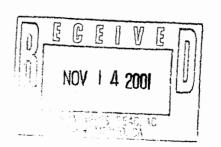
Facility:

SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18

LA JOLLA, CA 92037 (858) 784-8048

(1) SCRIPPS RESEARCH INSTITUTE 10550 N. TORREY PINES ROAD MB18 LA JOLLA, CA 92037

- (2) Scripps Research Institute 11107 Roselle St. San Diego, CA 92121
- (3) Elliot Field Station 10205 Pomerado Road San Diego, CA



Laris
Interagency Report Control No
0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0018 CUSTOMER NO. 1188

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BAYER CORPORATION P. O. BOX 1986 BERKELEY, CA 94701 (510) 420-5915 705-4648

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		·····			
7. Hamsters					
8. Rabbits		70	33		103
9. Non-Human Primates			107		107
10. Sheep		·			
11. Pigs					
12. Other Farm Animals					······
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal care and ass.		
CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive O	officer or Legally Responsible Institutional official)	l
I certify that the ab-	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
WW/ICK	Wolf-Dieter Busse, Sr. Vice President	11/9/01
APHIS FORM 7023 Replaces VS FORM 18-23 (Oct 88), whi	ich is obsolete	EADQUARTERS
(AUG 91) / \(\)		

APHIS Form 7023 Site List

·The following sites have been reported by the facility.

Registration Number:

93-R-0018

Customer Number:

1188

Facility:

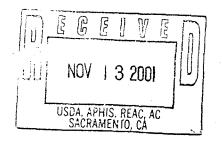
BAYER CORPORATION

P. O. BOX 1986

BERKELEY, CA 94701

(510) 420-5315 7-05-4648

BAYER CORPORATION 800 DWIGHT WAY BERKELEY, CA 94701



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0020 CUSTOMER NO. 1185

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF SOUTHERN CALIFORNIA UNIVERSITY PARK LOS ANGELES, CA 90089 (323) 442-1689

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animats and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	5	34	0	. 39
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	55	15	0	70
7. Hamsters	0	0	173	0	173
8. Rapplits	0	262	1,322	0	1,584
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	1	234	0	235
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
				·	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, erior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

NOV - 7 200

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Joseph P. Van Der Meulen, M.D.

Vice President for Health Affairs

DATE SIGNED

10/31/01

APHIS FORM 702 (AUG 91)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0025

CUSTOMER NO. 1184

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA 2151 BERKELEY WAY, ROOM 701 BERKELEY, CA 94704 (510) 540-3168

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Berkelev

Suisun

	yet used for such purposes.	pain, distress, or use of pain- relieving drugs.	distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	have advarsely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	(Cols. C + D + E)
4. Dogs					-0-
5. Cats					-0-
6. Guinea Pigs				Per telephone	-0-
7. Hamsters	61	105		ω /	105
8. Rabbits				29 Nog 01.	-0-
9. Non-Human Primates				-01	-Q-
10. Sheep					-0-
11. Pigs					-0-
12. Other Farm Animals					-0-
13. Other Animals					9559
Laboratory mice	16,297	9559			25,856

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of others aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)				
	pove is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
	Paul B. Kimsey, Ph.D.	10/. /		
and denney	Asst. Deputy Director, Laboratory Science	10/12/01		

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

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PART 1 - HEADQUARTERS

412-5840

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result iri an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

additional information

, , , , , ,	 	 	

CUSTOMER NO. 1. REGISTRATION NO. 93-R-0028 1181

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA INSTITUTE OF TECHNOLOGY

1200 E. CALIFORNIA BLVD. M C 156-29 PASADENA, CA 91125

(626) 395-4957 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing Caltech Campus

	AD WHOSE CONTROL O				
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			0	Per telephone	
7. Hamsters			4	W/	4
3. Rabbits	·			20 NEU 01	
Non-Human Primates		4	30	- C1	34
10. Sheep					
11. Pigs	·				
12. Other Farm Animals					
13. Other Animals					
				35 CCT 18 2001	
ASSURANCE STATEMENTS				. USBA, FERTIS, NEAU, AU	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official)				
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
	Prof. David Goodstein				
davy Sortali	Vice Provost	10-15-01			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0030 CUSTOMER NO. 8229

FORM APPROVED OMB NO. 0579-0036

Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CHILDREN'S HOSP, MED. CENTER OF NO. CALI

747 52ND STREET
OAKLAND, CA 94609
(510) 428-3461

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Children's Hospital Oakland Research Institute 5700 Martin Luther King Jr. Way Oakland, CA 94609

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			40		40
7. Hamsters					
8. Rabbits					
9. Non-Human Primates		!			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
					`
13. Other Animals					
ASSURANCE STATEMENTS	,				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Kate 140 6 Gersales	Kathleen Hogue Gonzalez, CRA Associate Director, Research Administration	11/27/01

NOV 29 2001

USDA, APHIS. REAC, AC SACRAMENTO. CA

APHIS FORM 7023 (AUG 91) (Replaces //S FORM 18-23 (Oct 88), which is obsolete

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0032

CUSTOMER NO. 1179

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CEDARS-SINAI MEDICAL CENTER 8700 BEVERLY BLVD., DAVIS 7004 LOS ANGELES, CA 90048 (310) 855-5000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of E. Number of animals upon which teaching, Number of animals upon animals being animals upon which experiments. experiments, research, surgery or tests were bred, conducted involving accompanying pain or distress TOTAL NO. Animals Covered which teaching. teaching, research, conditioned, or to the animals and for which the use of appropriate OF ANIMALS By The Animal research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, (Cols. C+ tests were accompanying pain or have adversely affected the procedures, results, or experiments, interpretation of the teaching, research, D + E) distress to the animals conducted research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used used. must be attached to this report) relieving drugs 4. Dogs 102 102 5. Cats 6. Guinea Pigs 7. Hamsters 12 78 66 193 Rabbits 193 Non-Human Primates 10. Sheep 263 263 11. Pigs 12. Other Farm Animals 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) (I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR WISTATUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Shlomo Melmed, M.D. Sr. Vice President for Academic Affa	date signed 11/13/01 Lrs			

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0032

Customer Number:

1179

Facility:

CEDARS-SINAI MEDICAL CENTER 8700 BEVERLY BLVD., DAVIS 7004

LOS ANGELES, CA 90048

(310) **85**-5000 - Main Campus Phone Number 423

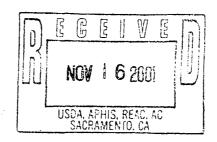
Cedars-Sinai Medical Center

BURNS & ALLEN RES. INST. -- Davis Building Floors G-7

8700 BEVERLY BLVD., DAVIS 7004 (Department of Comparative Medicine)

LOS ANGELES, CA 90048

(310)423-7684



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0034 CUSTOMER NO. 1178

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA PACIFIC MED. CTR. 2340 CLAY STREET, SUITE 533 SAN FRANCISCO, CA 94115 (415) 561-1616

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. B. Number of animals upon which teaching, animals being animals upon which experiments, research, surgery or tests were

REPORT OF ANIMALS USED BY		F RESEARCH FACILITY		ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats			7		7
6. Guinea Pigs			4		4
7. Hamsters			-		
8. Rabbits			1		1
9. Non-Human Primates			3		3
10. Sheep			0 .		0
11. Pigs			0		0
12. Other Farm Animals					
			-		
13. Other Animals					R. JE LOUI
ASSURANCE STATEMENTS					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) David R. Fielder Vice President, Research	DATE SIGNED			

ARHIS:FORM:7023

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0034

Customer Number:

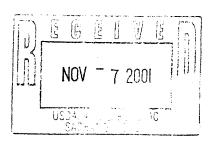
1178

Facility:

CALIFORNIA PACIFIC MED. CTR. 2340 CLAY STREET, SUITE 533 SAN FRANCISCO, CA 94115

(415) 561-1616

CPMCRI 2200 WEBSTER STREET SAN FRANCISCO, CA 94115



(Replaces VS FORM 18-23 (Oct 88), which is obsolete

ÁPHÍS FORM 7023 (AUG 91) See reverse side for additional information.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0035 CUSTOMER NO. 1177 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA INSTITUTE FOR MEDICAL RESEARCH 2260 CLOVE DRIVE SAN JOSE, CA 95128 (408) 998-4554

2 DEPOSTING SACULTY (List a	Il locations where animals	were housed or used in	actual seconds togeting togeting	, or experimentation, or held for these purposes. Attach ad	ditional
sheets if necessary.)	R locations where animals			, or experimentation, or field for these purposes. Attach ad	Citorial
			FACILITY LOCATIONS(sites)		
See Attached Listing					
	٠				
REPORT OF ANIMALS USED BY	OR LINDER CONTROL O	E DESEADOU EACILITY	Y (Attach additional shoots if nece	SERGIOCUSA ARHIS EORM 7073A)	
A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
	animals being	animals upon	which experiments,	experiments, research, surgery or tests were	
Animals Covered By The Animal	bred, conditioned, or	which teaching, research,	teaching, research, surgery, or tests were	conducted involving accompanying pain or distress to the animals and for which the use of appropriate	TOTAL NO. OF ANIMALS
Welfare Regulations	held for use in	experiments, or	conducted involving	anesthetic, analgesic, or tranquilizing drugs would	OF AIRMAES
	teaching, testing,	tests were	accompanying pain or	have adversely affected the procedures, results, or	(Cols. C+
	experiments, research, or	conducted involving no	distress to the animals and for which appropriate	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	D + E)
	surgery but not	pain, distress, or	anesthetic, analgesic, or	the procedures producing pain or distress in these	
	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			138		38_
9. Non-Human Primates					
3. Non-numan minutes			 		
10. Sheep					
44 5%					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		! !			

					h te time
ASSURANCE STATEMENTS					7 5 1
	andards governing the care	e, treatment, and use of a	animals including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during !
			ere followed by this research facility		201
Each principal investigator ha	s considered alternatives	to painful procedures.			JJi
				standards and regulations be specified and explained by the	ne
				all the exceptions is attached to this annual report. In is, as well as the species and number of animals affected.	
				veterinary care and to oversee the adequacy of other	
aspects of animal care and us	se.		·		
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official) (certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR IN				TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
1 . 1				(1)	

LELAND G. MEANS, JO. - SECRETORY

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 93-R-0036

OMB NO 3579-0036 Laris

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Eig Court

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Huntington Medical Research Institutes 99 North El Molino Ave. Pasadena, CA 91101

3. REPORTING FACILITY (LIST OF SPECIES IT DECESSORY.)	locations where animals	were housed or used in	n actual research, testing, teac	thing, or experimentation, or held for these purposes. All	sch additional
greets in necessary.)			DLITY LOCATIONS ISING		
		FAC	JULIT ECCATIONS ISSUED		
734 Fairmount Av	renue, Pasad	ena	99 N. E	l Molino, Pasadena	
660 S. Fair Oaks					
			iAnson adultional surets if ne	CUSSIVY III USE APHIS FORM TOZDAT	
Animals Covered By The Animal Wellare Regulations	8. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of unimple upon which Industries, research, experiments, or lests were conducted involving to pain, distress, or use or pain, refleving drugs.	O. Number of unimate open which experiments, feaching, revision, surgery, or lasts were conducted involving accompanying pair or districts to the immote und for which appropriate aneithetic, analysistic, or franquicting drugs were used.	E. Number of animals upon which teaching, experiments, readarch, surgery or lests were conducted involving accumbunying pain or dratress to the animals and for which the use of appropriate unesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or lests. (An expranation of the procedures and the procedures and the reasons such drugs were not used must be effected to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs					
5. Cats X	17	11	15		26
5. Suinea Pigs X			52		52
7. Hamsters					
3. Babolts X	8		90		90
9 Non-cuman Primates					
10. Sheep					
11. Pins					
12. Other Farm Animals					
t3 Other Anunais					
Rats x	4		65		65
				I R B II W R D	
ASSURANCE STATEMENTS			1101		
Euch principal investigator to This locality is adhering in terminological investigator and be	th, teaching, testing, sun has considered afternation he scandards and regular prinsed by the institution COC-approved exception	gery, or experimentations to pointin procedure ros to pointin procedure rosis similar the Act, and similar formul Cure and U ins, the summary inclin	is were followed by ron follow	s to the standards and regulations be specified and regularized and regulations of the standards and regulations at the standard and regulations as the standard and regulations as the standard and regulations as SACRAMENTO CA	ned by the Freport, in Rectiff.
	(Chief Ex	ecutive Unicer o	QUARTES RESEARC! r Legally Responsible I ne, correct, and complete (7 9	H FACILITY OFFICIAL Institutional Official) (S.C. Season 2143)	

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

William Opel, PhD Executive Director

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolute)

CANDIZ STAD

11/27/01

Annual Report Site Listing:

Huntington medical Research Institutes

Cust ID: 1176

734 Fairmount Avenue Pasadena, CA 91105 County: Los Angeles Telephone (626) 397-5436

Cust ID: 1176

99 Norht El molino Ave. Pasadena, CA 91101 County: Los Angeles Telephone (626) 795-5774

Cust ID: 1176

660 South Fair Oaks Ave. Pasadena, CA 91105 County: Los Angeles Telephone (626) 397-5846

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0041

CUSTOMER NO. 1175

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

RESEARCH INSTITUTE AMES BLDG 795 EL CAMINO REAL

N.B.: area code is (650)

(650)853-4835

PALO ALTO, CA 94301

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

*please send all correspondence Attn: Dept. of Laboratory Animal Medicine

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs				·	
7. Hamsters					
3. Rabbits			3		3
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		NV 1810		OCT - 5 2001	
ASSURANCE STATEMENTS			USDA APHIS PEAC AC		

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analoges than dright and drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

• • • • • • • • • • • • • • • • • • • •		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
•	e Officer or Legally Responsible Institutional official)	
! certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
II Im	David Druker, M.D., IO	10/01/01

²⁾ Each principal investigator has considered alternatives to painful procedures.

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

93-R-0041

Customer Number:

1175

N.B.: area code is (650)

Facility:

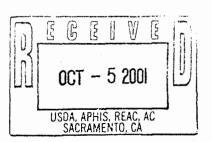
RESEARCH INSTITUTE AMES BLDG

795 EL CAMINO REAL PALO ALTO, CA 94301

(650 853-4835

PALO ALTO MEDICAL FOUNDATION AMES BLDG 795 EL CAMINO REAL PALO ALTO, CA 94301

*Please send all correspondence Attn: Department of Laboratory Animal Med.



Aprinteragency Report Control No 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0045

CUSTOMER NO. 1174

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) Research Admi

OLIVE VIEW - UCLA LOS ANGELES, CA 91342

14445 OLIVE VIEW DRIVE, ROOM 218 LAB BLDG offetce Laris (818) 364-3434

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being experiments, research, surgery or tests were animals upon which experiments. which teaching, bred, TOTAL NO. Animals Covered teaching, research, conducted involving accompanying pain or distress OF ANIMALS By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate held for use in Welfare Regulations experiments, or conducted involving anesthetic analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C + tests were accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 3 10 **ASSURANCE STATEMENTS**

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilitzing drugs, prior and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DeniseTrift, business my.	DATE SIGNED					

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Latifiteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0117

CUSTOMER NO. 1157

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MOUNT SAN ANTONIO COLLEGE 1100 N. GRAND AVENUE WALNUT, CA 91789 (909) 594-5611

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research	, testing, teaching, or experimentation, or held for these purposes. Attach additional						
sheets if necessary.)							
FACILITY LOCATIONS(sites)							
See Attached Listing							

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	285	0		285
5. Cats	0	24	0		24
6. Guinea Pigs	0				
7. Hamsters	0				
3. Rabbits	0				
9. Non-Human Primates	0	:			
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals	0	,			
				SEP 2 7 2001 U	

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
dans 14	Dean, NATURAl Sciences	24 Jegton

APHIS FORM 7023 (AUG 91)

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

The following sites have been reported by the facility.

Registration Number:

93-R-0117

Customer Number:

1157

Facility:

MOUNT SAN ANTONIO COLLEGE

1100 N. GRAND AVENUE WALNUT, CA 91789 (909) 594-5611

MOUNT SAN ANTONIO COLLEGE 1100 N. GRAND AVENUE WALNUT, CA 91789



Larison Report Control No. 20180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0121 CUSTOMER NO. 1155

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

EDWARDS LIFESCIENCES LLC ATTN: JANE OLIN ONE EDWARDS WAY IRVINE, CA 92614 (949) 250-3508

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	15	1147	0	0	1147
7. Hamsters	0	0	0	0	00
8. Rabbits	24	472	393	0	865
9. Non-Human Primates	0	0	0	0	00
10. Sheep	8	3	44	0	47
11. Pigs	0	0	14	0	14
12. Other Farm Animals	0				
13. Other Animals					
				OCT 2 2 2888	
ASSURANCE STATEMENTS				USDA ARHIS REAC AC SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION E	Y HEADQUARTERS RESEARCH FACILITY	OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institution:	al official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section	n 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL	OFFICIAL (Type or Print)	DATE SIGNED
Patricia & Garvey	Patricia Garvey, Ph.D.	Vice President Regulatory Affairs	10/17/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 8-23 (Oct 88), which is obsolete

and Quality PART 1 - HEADQUARTERS

lappagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0124 CUSTOMER NO. 1153

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

include Zip Code)

SAN DIEGO MESA COLLEGE
7350 MESA COLLEGE DRIVE

7250 MESA COLLEGE DRIVE SAN DIEGO, CA 92111

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		8.4	7.3		157
5. Cats		34	21		55
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		7			7
9. Non-Human Primates					
10. Sheep		3			3
11. Pigs		. 2			2
12. Other Farm Animals					
Goat	`	5	:		5
13. Other Animals				061 - 8 / P	
Bobcat		1.			1
Coatimundi		1		USDA, APHIS. REAC, AC SACRAMENTO CA	1
Ferret		1			1

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION B	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
		Officer or Legally Responsible Institutional official)	
		above is true, correct, and complete (7 U.S.C. Section 2143)	
	SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type	or Print) DATE SIGNED
	Mille Maulle	Judith A. Pautler	10-4.01
/	(Replaces VS FORM 18-23 (Oct 88), w (AUG 91)	which is obsolete Dean	PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0124

include Zip Code)

CUSTOMER NO. 1153

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

SAN DIEGO MESA COLLEGE 7250 MESA COLLEGE DRIVE

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

SAN DIEGO, CA 92111

-(858) 627-2031 (6/9) 388-2838

REPORT OF ANIMALS USED	BY OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
12 Equine		1			1
12 Llama		2			2
					·····
,					
					Mean 12
)
		P. H. T.		L Jam [U]	
				USDA, APHIS REAC AS	
				CA CA	
ASSURANCE STATEMENTS	· .		*		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

coposis of arminal said and acc.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	e Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Adult Vauther	Judith A. Pautter Dean	10.4.01
A DUIL CORE TORRE		LIEADOUANTERO

APHIS FORM 7023A (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0124

Customer Number:

1153

Facility:

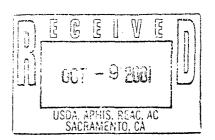
SAN DIEGO MESA COLLEGE 7250 MESA COLLEGE DRIVE

SAN DIEGO, CA 92111

(SS)

(858) 627-2831 (619) 388-2838

ANIMAL HEALTH TECHNOLOGY 7250 MESA COLLEGE DRIVE, BLDG P-300 SAN DIEGO, CA 92111



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-126

1152

FORM APPROVED OMB NO. 0579-0036 (1)87

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

W.M. Keck Science Center The Claremont Colleges 150 E. 10th Street Claremont, CA 91711

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets ill necessary.)

FACILITY LOCATIONS (Sites)

Joint Science Department

925 N. Mills Ave., Claremont, CA 91711

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bind, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of pairmals upon which leaching, research, experiments, or leafs were conducted implying no pain, distress, or use of pairmals.	Mumber of animals upon which experiments, leaching, research, surgery, or lests were conducted unotiving accompanying pain or distress to the animals and for which appropriate sneithetic, analysisc, or franquisizing drugs were used.	E Number of animals upon which teaching, experiments, research, surgery or lasts were conducted involving accompanying poin or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquiliting drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rapoits					0
9. Non-human Primates					0
10. Shess					0
11. Pigs					0
12. Other Farm Animals	·				0
13. Other Animals					0
				NOV 23 2001	
				USQA, APPRIS, ACAU, AU	

- Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analysis, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered afternitives (0 pointul procedures

OF INSTITT FONAL OFFICIAL

- 3). This tentity is adversely to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the functional approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The articiding voternuction for this research facility has appropriate authority to ensure the provision of adequate veteratury care and to oversee the adequacy of other appears of animal care and use.

CI	ertification by Headquartes research faculty official	I.
	(Chief Executive Officer or Legally Responsible Institutional Official)	
	Least the I had The about in term, answert, used complete (711.5.C. Section 2143)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Michael D. Lamkin, Vice President/Dean of Faculty, Scripps College

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

19 Novol

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0136 CUSTOMER NO. 1149

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

VETERINARY TECHNOLOGY PROGRAM

LOS ALTOS HILLS, CA 94022

include Zip Code)
FOOTHILL COLLEGE
12345 EL MONTE ROAD

LOS ALTOS HILLS, CA 94022

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

					_
REPORT OF ANIMALS USED BY A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL Of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	OF RESEARCH FACILITY C. Number of animals upon which teaching, research; experiments, or tests were conducted involving no pain, distress, or use of pains, drugs.	Y (Attach additional sheets if nece. D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Essary or use APHIS FORM 7023A) E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		4			4
5. Cats		5			5
6. Guinea Pigs					
7. Hamsters				·	
8. Rabbits		1			1
9. Non-Human Primates					
10. Sheep		2			2
11. Pigs					
12. Other Farm Animals					<u> </u>
Horse		1			1
13. Other Animals					
					į

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Karl M. Peter, DVM	Karl M. Peter, DVM, VT Program Director	11/03/2001			

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0145

CUSTOMER NO. 1159

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NAMSA (N. AMERICAN SCIENCE) 9 MORGAN IRVINE, CA 92618

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

NAMSA (N. AMERICAN SCIENCE) IRVINE, CA 92618

Α.	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments,	Ssary or use APHIS FORM 7023A.) E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered By The Animal Welfare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	180	7210			7210
7. Hamsters					
3. Rabbits	88	1971	459		2430
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Dennis M. Nevins	Dennis M. Nevins, General Manager	11/26/2001			

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0148 CUSTOMER NO. 1158

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CRITICAL CARE RESEARCH, INC. 10743 CIVIC CENTER DRIVE RANCHO CUCAMONGA, CA 91730 (909) 987-3883

3.	REPORTING FACILITY	(List all locations	where animals	were housed or us	ed in actual research	testing, teaching,	, or experimenta	tion_or held for th	ese gurposes.	Attach additional	N
	REPORTING FACILITY sheets if necessary.)	10743	CIVIC	CENTE	R DRIVE	KAN	CHO (EUCAM!	DNUGA -	CA.	11120
											

FACILITY LOCATIONS(sites)

See Attached Listing

NO OTHER LOCATIONS

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	35	0	6	0	6
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	Q				0
8. Rabbits	4	0	0	Ø	4
9. Non-Human Primates	0				Ð
10. Sheep	0				0
11. Pigs	0				\bigcirc
12. Other Farm Animals	0				Ô
13. Other Animals					
					en university of the second
		-		TO EGEIV	5 (1)

) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic,	analdesic	and tranquil	zing drugs,	prior 1q, d	during,
) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	- 11 11	MA	1 3 N	2001	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL							
(Chief Executive Officer or Legally Responsible Institutional official)							
certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Da O France C	OU CHIEF OPERATING OFFICER	11/28/01					
	OF CHILL STEPHING CAPPINED	190/01					

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, IAC addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

The following sites have been reported by the facility.

Registration Number:

93-R-0148

Customer Number:

1158

Facility:

CRITICAL CARE RESEARCH, INC. 10743 CIVIC CENTER DRIVE RANCHO CUCAMONGA, CA 91730

(909) 987-3883

21ST CENTURY MEDICINE, INC. 10743 CIVIC CENTER DRIVE RANCHO CUCAMONGA, CA 91730



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0151

CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Codel

CACPASSAIO C

ZOOLOGICAL SOCIETY OF SAN DIEGO P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, which teaching, TOTAL NO Animals Covered bred. teaching, research, conducted involving accompanying pain or distress to the animals and for which the use of appropriate By The Animal conditioned, or OF ANIMALS research. surgery, or tests were Welfare Regulations anesthetic, analgesic, or tranquilizing drugs would held for use in experiments, or conducted involving accompanying pain or teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C + experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research or experiments, surgery, or tests. (An explanation of and for which appropriate involvina na surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) COMPANION OR CAPINALS 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters Rabbits 9 Non-Human Primates 10. Sheep No 11. Pigs 12. Other Farm Animals 13 Other Animals U ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures,
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

·			
CERTIFICATION	BY HEADQUART	ERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	e Officer or Lega	lly Responsible Institutional official)	
I certify that the	e above is true, correc	ct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE	OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	John	A Phillips Dep Dr of Science	42c0)
ARIUG FORM toos		DADTA	WEAROUARTERS

APHIS FORM # 023 1/ (AUG 91),

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0151

Customer Number:

1156 ZOOLOGICAL SOCIETY OF SAN DIEGO

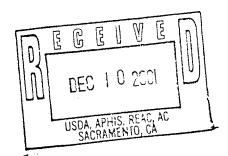
Facility:

P. O. BOX 120551

SAN DIEGO, CA 92112

(619) 557-3941

ZOOLOGICAL SOCIETY OF SAN DIEGO 1354 OLD GLOBE WAY SAN DIEGO, CA 92101



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0151 CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

ZOOLOGICAL SOCIETY OF SAN DIEGO P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

	SELLINDED CONTROL				· · · · · · · · · · · · · · · · · · ·
REPORT OF ANIMALS USED BY					
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Cheetah		4	6		10
Lion-tail macaqu	e 6	12			18
Geoffrey's marmo	set	15			15
Calif. condor		34			34
Pygmy loris		19			19
Slow loris		9			9
Slender loris		9 .			9
Giant panda		3			3
White rhinoceros			´4		4
Indian rhinocero	5		1		1
Sun bear			1		1
Drill	1				1
Anoa		2	1		3
Amer. alligator	-)	5500 /07	13		500
Cuban iguana		7			7
Jamaican iguana		6			6
Anegada iguana		9		MECELVED!	9
Lesser Antillean	iguana	2			2
Savanna monitor		4		PEO I Decor	4
ASSURANCE STATEMENTS				and the state of t	

Professionally acceptable standards governing the care, treatment, and us	ie of animals, including appropriate use of	f anesthetic, an	algesic, and tranquit	izing drugs, prio	r to, during,
and following actual research, teaching, testing, surgery, or experimentation					

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	e Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	John A. Phillip, Dep Dir of Science	4 Dec 0:
A DI HOLE OPER TOOM		*

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0151 CUSTOMER NO. 1156

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ZOOLOGICAL SOCIETY OF SAN DIEGO P. O. BOX 120551 SAN DIEGO, CA 92112 (619) 557-3941

By The Animal Welfare Regulations and Pacific Use in Isaching, lesting, esting, testing experiments, research or surgery but not yet used for such purposes. Somodo monitor By The Animal Welfare Regulations and Facility (1997) and the secondary of the animals and for which the use of appropriate accompanying pain or surgery but not yet used for such yet used for such yet used for such purposes. Somodo monitor By The Animal Welfare Regulations and Facility (1997) and the animals and for which the use of appropriate accompanying pain or surgery or less. (An explanation of the suching, research, experiments, surgery portions, pain of stress in these animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate anesthers analges to the animals and for which the use of appropriate analges to the animals and for which the use of appropriate analges to the animals and for which the use of appropriate animals and for which appropriate animals and for which appropriate animals animals and for which appropriate animals animals and for which appropriate animals animal	REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if nece		
	Animals Covered By The Animal	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NC OF ANIMAL (Cols. C + D + E)
	Komodo monitor		1			1
			:			

	·					
					153 111 111	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Tohn A. Phillip, Den Dir of Science	DATE SIGNED

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0153 CUSTOMER NO. 1154

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GIBBON FOUNDATION P.O. BOX 800249 SANTA CLARITA, CA 91380 (661) 296-2737

sheets if necessary.)		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
· · · · · · · · · · · · · · · · · · ·		***************************************	-		
DEBORT OF ANIMAL SUSED BY	YOR HADER CONTROL O	T DESCADOU FACILITY	(444-6-475-475-475-475-475-475-475-475-475-475	ACUID COCIA TORRA	
A.	B. Number of	C. Number of	D. Number of animals upon	essary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F,
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distres to the animals and for which the use of appropriat anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, cinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not use must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		NOTES III			
7. Hamsters		P-18 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			
3. Rabbits					
9. Non-Human Primates	36	36	. 0	0	9 36
10. Sheep				Per telephone	
11. Pigs				W/ Alan Mostnick	-
12. Other Farm Animals				20 Nov 01 - C	3
			· · · · · · · · · · · · · · · · · · ·		
13. Other Animals					
4.1.					
ASSURANCE STATEMENTS	-d				71111
and following actual researc 2) Each principal investigator I 3) This facility is adhering to the principal investigator and a	ch, teaching, testing, surger has considered alternatives he standards and regulation pproved by the Institutional	ry, or experimentation were to painful procedures. Is under the Act, and it ha Animal Care and Use Cor	re followed by this research facilit s required that exceptions to the mmittee (IACUC). A summary of	e of anesthetic, analgesic, and tranquilizing drugs, prior y. OCT 3 200 standards and regulations be specified and explained by a little exceptions is attached to this annual reportions, as well as the species and number of animals affected.	the
The attending veterinarian faspects of animal care and	use.			veterinary care and to oversee the adequacy of other	
	(Chief E	Executive Officer of	QUARTERS RESEARCE or Legally Responsible	Institutional official)	
SIGNATURE OF C.E.O. OR II			ue, correct, and complete (7 t	U.S.C. Section 2143) TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
M M				16. DIERTOR	28 00 7 200

The following sites have been reported by the facility.

Registration Number:

93-R-0153

Customer Number:

1154

Facility:

GIBBON FOUNDATION P.O. BOX 800249

SANTA CLARITA, CA 91380

(661) 296-2737

INTL CTR FOR GIBBON STUDIES 19100 ESGUERRA ROAD SAUGUS, CA 91350



Laridateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0155

include Zip Code)

CUSTOMER NO. 1151 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

ALPHA THERAPEUTIC CORPORATION 5555 VALLEY BOULEVARD LOS ANGELES, CA 90032 (323) 225-2221

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 8 687 0 687 7. Hamsters 73 2915 8. Rabbits 0 0 2915 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals - Mice 8 1270 0 0 1270 ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and treatment, and use of animals, including appropriate use of anesthetic, analysis, and treatment are treatment. tol during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and re principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report in

aspects of animal care and use.	SACRAMENTO, CA	i
(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.Q. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) JAMES A SESIC, DIRECTOR, REGULATORY AFFAIRS	DATE SIGNED

addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

Latinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0158 CUSTOMER NO. 7854

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANTIBODIES, INC. P. O. BOX 1560 DAVIS, CA 95617 (530) 758 4400

				(530) 758-4400	
 REPORTING FACILITY (List sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attach add	ditional
1		1	FACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS LISED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered	animals being bred,	animals upon which teaching.	which experiments, teaching, research,	experiments, research, surgery or tests were conducted involving accompanying pain or distress	TOTAL NO.
By The Animal Welfare Regulations	conditioned, or held for use in	research,	surgery, or tests were	to the animals and for which the use of appropriate	OF ANIMALS
yvellare Regulations	teaching, testing,	experiments, or tests were	conducted involving accompanying pain or	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or	(Cols. C+
	experiments, research, or	conducted involving no	distress to the animals and for which appropriate	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	D + E)
	surgery but not	pain, distress, or	anesthetic, analgesic, or	the procedures producing pain or distress in these	
·	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs				·	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	17		143		143
9. Non-Human Primates					
10. Sheep					-
11. Pigs					
12. Other Farm Animals					
GOATS	1	31			31
13. Other Animals					
		·			
ASSURANCE STATEMENTS			<u> </u>		
			animals, including appropriate use are followed by this research facilit	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,
Each principal investigator in			no lone not by the record of resim	" NOV = 9 2001 - 15	
				standards and regulations be specified and explained by the fall the exceptions is attached to this annual report. In	е
addition to identifying the IA	ACUC-approved exceptions	, this summary includes a	a brief explanation of the exception	ns, as well as the species and number of animals affected.	
The attending veterinarian f aspects of animal care and	use.			veterinary care and to oversee the adequacy of other	
			QUARTERS RESEARCH or Legally Responsible		
	I cert	tify that the above is tr	rue, correct, and complete (7 t	U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR II				TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Richard Kr	my my	Ri	charl Krogorud	Prisident	11/08/01

The following sites have been reported by the facility.

Registration Number:

93-R-0158

Customer Number:

7854

Facility:

ANTIBODIES, INC.

P. O. BOX 1560 DAVIS, CA 95617 (530) 758-4400

ANTIBODIES, INC. 25242 CR 95 DAVIS, CA 95616



Laris Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93 - R - 159

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

#1147

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ORTHOPAEDIC HOSPITAL 2400 SOUTH FLOWER STREET LOS ANGELES, CA 90007-2697

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

, 3.

FACILITY LOCATIONS (Sites)

Orthopaedic Hospital Vivarium 2400 South Flower St., Los Angeles

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	·	Ą			
7. Hamsters					
8. Rabbits			140		140
9. Non-human Primates					
10. Sheep				4.4	
11. Pigs					
12. Other Farm Animals					
		·			·
13. Other Animals(Ra+)			20		20
				FREIN WE SH	

1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Harry 11. Kelly	*	Vice Resident, Research	7/11/01		

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1147

2400 South Flower Street Los Angeles, CA 90007 County: Los Angeles Telephone (213)742-1000

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICUITURE 1. REGISTRATION NO. CUSTOMER NO. FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0163 1146 OMB NO. 0579-0036 13115 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code) KENT DONALD B (TYPE OR PRINT) 2595 INGRAHAM STREET SAN DIEGO, CA 92109 (619) 226-3870 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing Marion Island SeaWorld (San Diego, San Antonio, Orlando parks) Northwestern Hawaiian Islands McMurdo Sound, Antarctica Central CA mainland coast Southern California Bight REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon experiments, research, surgery or tests were which experiments Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. surgery, or tests were By The Animal conditioned, or research, to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cois. C+ interpretation of the teaching, research, experiments conducted distress to the animals D + E) research, or involvina no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters 3. Rabbits 9 Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals Largha Seal 1572 1578 elephant seal 6 6 6 elephant seal ASSURANCE STATEMENTS Π 101 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of animals. sthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. DEC 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequale veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED Donald B. Kent

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

President

PART 1 - HEADQUARTERS

30 NOVO

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0163

CUSTOMER NO. 1146

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) KENT, DONALD B 2595 INGRAHAM STREET SAN DIEGO, CA 92109 (619) 226-3870

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
Monk seal			80		80
Weddell seal			10		_10
Killer whale		18			18
Manatee		6			6
. 175 14					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executi	ive Officer or Legally Responsible Institutional official) he above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Dell BIST	Donald B. Kent President	70 1140
APHIS FORM 7023A (Replaces VS FORM 18-23 (Oct	88), which is obsolete	1 - HEADQUARTERS

USDA, APHIS, REAC, AC SACRAMENTO, CA

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0163

Customer Number:

1146

Facility:

KENT, DONALD B

2595 INGRAHAM STREET SAN DIEGO, CA 92109

(619) 226-3870

HUBBS-SEA WORLD RESEARCH INST 2595 INGRAHAM STREET SAN DIEGO, CA 92109



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0165 CUSTOMER NO. 1144 FORM APPROVED Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BURNHAM INSTITUTE, THE 10901 NORTH TORREY PINES ROAD SAN DIEGO, CA 92037 (859) 646-3400

			ţ	(858) 646-3100	
 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in a	actual research, testing, teaching	or experimentation, or held for these purposes. Attach add	titional
<u>1,</u>		F	ACILITY LOCATIONS(sites)		7.
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, 'conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, recults, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols, C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		2			2
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	-				
ASSURANCE STATEMENTS					
Professionally acceptable sta			nimals, including appropriate use e followed by this research facility	of pnesthetic, analgesic, and tranquilizing drugs, prior to,	during,
Each principal investigator ha		•	e lonomed by this research raciity		
 This facility is adhering to the principal investigator and app 	e standards and regulation proved by the Institutional	s under the Act, and it ha Animal Care and Use Cor	nmittee (IACUC). A summary of	standards and regulations be specified and explained by the all the exceptions is attached to this annual report in is assettles. The species and number of animals affected.	3
	r this research facility has			eterinary care and to oversee the adequacy of other	
			QUARTERS RESEARCH		

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Erkki Ruoslahti, M.D.

President and CEO

11/21/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0165

Customer Number:

1144

Facility:

BURNHAM INSTITUTE, THE

10901 NORTH TORREY PINES ROAD

SAN DIEGO, CA 92037

(858) 646-3100

THE BURNHAM INSTITUTE 10901 NORTH TORREY PINES ROAD SAN DIEGO, CA 92037

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 93-R-0176

CUSTOMER NO.

Laris FORM APPROVED

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code) AMERICAN QUALEX 920 A CALLE NEGOCIO

SAN CLEMENTE, CA 92673 (530) 758-4400 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing ABOVE)

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching.	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMAL (Cots, C + D + E)
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	-0-	-0-	-0-
6. Guinea Pigs	-0-	-0-	-0-	-0-	-0-
7. Hamsters	-0-	-0-	-0-	-0-	-0-
3. Rabbits	-0-	-0-	-0-	-0-	-0-
9. Non-Human Primates	-0-	-0-	-0-	-0-	-0-
10. Sheep	-0-	-0-	-0-	-0-	-0-
11. Pigs	-0-	-0-	-0-	-0-	-0-
12. Other Farm Animals	-0-	-0-	-0-	-0-	-0-
13. Other Animals	-0-	-0-	-0-	-0-	-0-
<u> </u>		we do	not have a	any Animais coul	FRED
		UNDER	REGULA	TrongsBPBINE [3]	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 27 2001
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Stephen alan	STEPHANIE CARLAN	10/30/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Larisinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0193

CUSTOMER NO. 1142

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

YOUNG VETERINARY RESEARCH 7243 EAST AVENUE TURLOCK, CA 95380

		(209) 632-1919			
 REPORTING FACILITY (L sheets if necessary.) 	ist all locations where anima	als were housed or used	n actual research, testing, teaching,	or experimentation, or held for these purposes. Attac	ch additional
		-	FACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED	BY OR UNDER CONTROL	OF RESEARCH FACILI	TY (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.

A.	B. Number of animals being	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered	bred,	animals upon which teaching,	which experiments, teaching, research,	conducted involving accompanying pain or distress	TOTAL NO.
By The Animal Welfare Regulations	conditioned, or held for use in	research, experiments, or	surgery, or tests were conducted involving	to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	OF ANIMALS
·	teaching, testing, experiments,	tests were	accompanying pain or	have adversely affected the procedures, results, or	(Cols. C +
	research, or	conducted involving no	distress to the animals and for which appropriate	interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	D + E)
	surgery but not yet used for such	pain, distress, or use of pain-	anesthetic, analgesic, or tranquilizing drugs were	the procedures producing pain or distress in these animals and the reasons such drugs were not used	
	purposes,	relieving drugs.	used.	must be attached to this report)	
4. Dogs		230	24		254
5. Cats		126			126
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					·
11. Pigs					
12. Other Farm Animals					
Horses		56			56
13. Other Animals					
		<u>-</u>		NOW O O DOOR	
			-	1 10: 20 2500	
				USDR, K T/S. RESQ. 40	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
DRY G	David R. Young, Director YURS	1926001					

The following sites have been reported by the facility.

Registration Number:

93-R-0193

Customer Number:

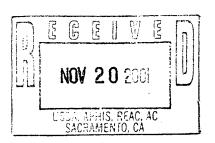
1142

Facility:

YOUNG VETERINARY RESEARCH

7243 EAST AVENUE TURLOCK, CA 95380 (209) 632-1919

YOUNG VETERINARY RESEARCH 23 ROSELAWN DRIVE TURLOCK, CA 95380



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information,

Naragency Report Control No. 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0211

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1136

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

APHTON CORPORATION

B. O. BOY 1049

B. D. B

P. O. BOX 1049 WOODLAND, CA 95776 (530) 668-5100

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	f (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying rain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					-
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits	8	3			3
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animais					
ASSURANCE STATEMENTS					
			animals, including appropriate use re followed by this research facilit	of anesthetic, analgesic, and tranquilizing drugs, pnor to,	during,

- 2) Each principal investigator has considered alternatives to painful procedures,
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary-care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Aue a Russell	Sue A. Russell, Asst. Corporate Secretary	11/01/01				

The following sites have been reported by the facility.

Registration Number:

93-R-0211

Customer Number:

1136

Facility:

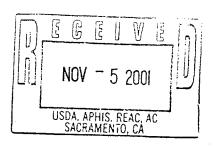
APHTON CORPORATION

P. O. BOX 1049

WOODLAND, CA 95776

(530) 668-5100

APHTON CORPORATION 26 HARTER AVENUE # 14 WOODLAND, CA 95776



0180-DOA-AN

Interagency Report Control No 🐱

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0219

CUSTOMER NO. 1135

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

include Zip Code) CHIRON CORPORATION 4560 HORTON STREET

EMERYVILLE, CA 94608 (510) 655-8730

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon animals being animals upon which experiments experiments, research, surgery or tests were TOTAL NO. Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress conditioned, or By The Animal to the animals and for which the use of appropriate OF ANIMALS research, surgery, or tests were experiments, or conducted involving Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research, D + E) conducted distress to the animals research, or involving no experiments; surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 12 12 5. Cats Ð 62 6. Guinea Pigs 62 0 Hamsters 58 3. Rabbits 58 9. Non-Human Primates Ð Ð 10. Sheep <u></u> 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate user and following actual research, teaching, testing, surgery, or experimentation were followed by this research façilit

2) Each principal investigator has considered alternatives to painful procedures 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

AS (TIP SPOUND STATE OF SACRETION OF SACRETION OF STATE O 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterina aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Sean Lance	DATE SIGNED					
SIram	Chairman and Chief Executive Officer	27 Nov 01					

and tranquilizing drugs, prior to, during,

The following sites have been reported by the facility.

Registration Number:

93-R-0219

Customer Number:

1135

Facility:

CHIRON CORPORATION 4560 HORTON STREET

EMERYVILLE, CA 94608

(510) 655-8730

CHIRON CORPORATION 1400 53RD STREET EMERYVILLE, CA 94608

hteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE	
ANIMAL AND PLANT HEALTH INSPECTION SERVICE	

1 REGISTRATION NO. 93-R-0221

CUSTOMER NO. 1137

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

DNAX RESEARCH INSTITUTE 901 CALIFORNIA AVE. PALO ALTO, CA 94304 (650) 852-9196

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing Palo Alto Veterans Administration Animal Facility, Main Animal Facility, Palo Alto, CA Palo Alto, CA Annex Animal Facility, Palo Alto, CA REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals upor animals being experiments, research, surgery or tests were which experiments which teaching, TOTAL NO. Animals Covered bred. teaching, research, conducted involving accompanying pain or distress OF ANIMALS conditioned, or to the animals and for which the use of appropriate By The Animal research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C + teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, conducted distress to the animals D + E) research, or involvina no experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anestnetic, analgesic, or vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used. must be attached to this report) 0 4. Dogs 5. Cats 0 0 6. Guinea Pigs 9 9 7. Hamsters 0 8. Rabbits 9. Non-Human Primates 0 0 10. Sheep \bigcirc 11, Pigs 12. Other Farm Animals 0 13, Other Animals 0 ΠΠ **ASSURANCE STATEMENTS** (15) U 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered atternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulation principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other (A aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL DATE SIGNED NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

JOHN T. CUZNUTE, PRESIDENT & CEO

01

With superiory Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

CUSTOMER NO. 1132

FORM APPROVED COTTO

93-R-0232

CMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA metucic Zip Code) SAN JOAQUIN VALLEY COLLEGE

8400 W. MINERAL KING AVE VISALIA, CA 93291 (559) 448-8282

1. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, beaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (MINS)

See Attached Listing

San Joaquin Valley College Inc.

295 E. Sierra

Fresno, CA 93710

(559-448-8282)

Animatz Covered By The Anima! Welfare Regulations	Animate Covered bried, conditioned, or beld for use in conducted involving accompanying pain or distress to the animate work interpretation of surgery or tests were conducted involving accompanying pain or distress to the animate and for which the objective involving conducted involving accompanying pain or distress to the animate and for which the use of accompanying pain or distress to the animate and for which the use of accompanying pain or distress to the animate and for which the use of accompanying pain or distress to the animate and for which the procedured involving anomalism of the feedback or interpretation of the feedback or painting drugs were use of painting drugs.		conducted involving accompanying pain or dismass to the animals and for which the use of appropriate anesthetic, analysis, or transplicing drugs would have adversely affected the propectures, results, or interpretation of the teaching, research, apparaisely, pargery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO. OF ANIMALS (COXE. C+ D+E)	
4. Dogs	0	0	8	0	8
5. Cats	0	0	14	0	14
6, Guinea Pigs	0	3	0	0	3
7. Hamsters	0	0	0	0	0
8. Rabbits	0	1	0	0	1
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	Ö	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0-	0 .	0
ASSURANCE STATEMENTS					T)

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, antispesic, and tranquilizing drugs, prior to, during, and following acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, antispesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or exportmentation were followed by this research facility.

2): Each principal investigator has considered alternatives to painful procedures.

3 0 5001 NOV 3) This facility is achieving to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summery of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinaries for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other accounts of spinot care and use

aspects or annual case and one.		
CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Execut	ive Officer or Legally Responsible Institutional official)	
I certify that t	the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Mich & Berry	Michael D. Perry CEO	11/27/0

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolese

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0237

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCIOS INC. 820 WEST MAUDE AVENUE SUNNYVALE, CA 94086 (408) 481-9177

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

See Attached Listing

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs				·	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					N. Walfah
13. Other Animals					
				OCT - 2 2001	
ASSURANCE STATEMENTS				USDA, APHIS, REAC, AC SAUKAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Stythen	George Schreiner, Chief Scientific Officer	9/30/01			

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0237

Customer Number:

1131

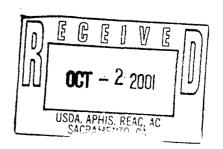
Facility:

SCIOS INC.

820 WEST MAUDE AVENUE SUNNYVALE, CA 94086

(408) 481-9177

SCIOS INC. 820 WEST MAUDE AVENUE SUNNYVALE, CA 94086



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0244

CUSTOMER NO. 1130 FORM APPROVED CATIS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HARTNELL COLLEGE 156 HOMESTEAD AVENUE SALINAS, CA 93901 (408) 755-6855

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

1) above address

2) East Campus
1754 E. Alisal
Salinas, CA

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, cr use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	7	26	0	33
5. Cats	0	4	14	0	18
6. Guinea Pigs	0	2	0	0	2
7. Hamsters	0	0	0	0	0
3. Rabbits	0	2	0	0	2
9. Non-Human Primates	0	0	0	0	0
10. Sheep	. 0	32	8	0	40
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	00
7-7-7-1 (Marie 1997)					
13. Other Animals					
				NOV 2 6 2001 (2)	
				\$100 MENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official) ! certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Milliam Filling on	William C. Fellner, DVM Director AHT Program	11/20/01				

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0247

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

TANABE RESEARCH LABORATORIES, USA, INC. 4540 TOWNE CENTRE COURT SAN DIEGO, CA 92121 (858) 622-7000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing
VIVARIUM

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs		-			
7. Hamsters					
8. Rabbits	10	0	59	0	59
9. Non-Human Primates					
10. Sheep					: !
11. Pigs					
12. Other Farm Animals					
13. Other Animals				SEP 2 7 2001	
				TISDA APPLS, REAC, AC	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Mi Cley C	TAKASHI KIYOIZUMI, MD. PLID	9/21/01			

APHIS FORM 7023 (AUG 91) (Replaces VS FORM (8-23 (Oct 88), which is obsolete

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UNITED STAT	tes department of , Plant Health inspe	CRICULTURE	I. RECUSTRATIO	-K-0250	404M APPROVED 0M8 NO 3579-7035		
	ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) REPORTING FACILITY (List all locations wings animals were noused of used in actual			2. HEADQUARTERS RESEARCH FACILITY INSME and ADDIESS OF INSTITUTION OF USDA SYNA CO 20400 MARIANI CUPERTINOS CA 95014			
2 DESCRIPTING FACE ITY ILLS AND	ocalisals where ammais	well housel or used	in actual Industry, (volume, lead				
supplied interespokation							
1	TA: 1/7		CILITY LOCATION 5 - SHREE				
CUSTOMER	10: 110	/		ATHUTTO CO	777)+.7		
CUSTOMER 821 LIMEKI REPORT OF ANIMALS USED BY OF	LN RD.	Hollist	er, CA S	AN BENITO CO 831-63'	7-82-92		
A A A A A A A A A A A A A A A A A A A	B. HUMBER CONTROL OF	C Number of	O Rumber or seminals upon	E. Muinter of ammals youn which te			
Anumala Coverau By The Animol Wellere Regulations	animals being bred, or ed. conditioned, or held for use in takehing, leating, experiments, repairch, or surgery bid not pur bodes.	animals upon which reaching, requests, experiments, or texts ware conducted involving no pain, distress, or use of pain- retieving drugs.	which experiments, isaching, isabatch, surgery, o leds were conducted invaving secondarying oans at identifies to the amount and for which appropriate anesthetic, an endetting, or transpiring drugs were used.	experiments, research, surgery or conducted involving Secondounner to the enumais and for which the unectively, surgeries, or l'andquiries have udversely alfocited the proceding president of the leaching, resident interpretation and of the leaching, resident interpretation of the leaching, resident interpretation of the leaching surgeries and the resident such drumings of all presidents and the resident interpretations.	10015 FOTAL NO. 100 01 00010011010 100 01 01001 0010 100 01001 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 01001 100 0		
4 Dogs							
5. Cau							
5. Gaines Pigs							
7. damsiers							
a. Pabous			132		132		
9, Non-human Primates							
id. Sieeo	132		309		309		
11. Pigs							
12. Other Farm Animals							
13. Other Animals		· .					
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ASURANCE STATEMENTS				IN E W E I U			
5 duch principal avertical research 2 duch principal avertical in his 3 This facility is adverting to the principal investigator and add addition to identifying the 140	, teaching, toaling, turi, is considered alternativ arondords and regular proved by the institution TUC approved exception	pry, we experimentallous to communication to communication and the Aut. Since the	n were inllowed by this telepaid gs. s it has required froit exdeption sc Committee (IACUC). A summ des a trief diplomátion of the ex	NOV 2 0 20 10 10 10 10 10 10 10 10 10 10 10 10 10	position and explained by the		
accessed Care and state.	CERTIFICA	TION BY HEAD	QUARTES RESEARCE	I FACILITY OFFICIAL.			
	/ C01	tily inut the above it is	rum, distribut, unic) cristolate (7 U	S.C. Steinen S143)	A TE SIGNED		
SIGNATURE OF C.E.O. OF INSTITUT	HONAL OFFICIAL	1	·	RINSTITUTIONAL OFFICIAL CIDA OF B PLA PERATIONS	11/88/01		

APHIS FORM 7023 (AUG 91)

Panisan VIEGOLA 14.27 (OCT 84) wasti is amakin

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Arthreagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0254

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) PENINSULA LABORATORIES, INC.

601 TAYLOR WAY SAN CARLOS, CA 94070

REPORTING FACILITY (Liss sheets if necessary.)	t all locations where animal	s were housed or used in	actual research, testing, teaching	(650) 592-5392 , or experimentation, or held for these purposes. Attach	additional
<u></u>			FACILITY LOCATIONS(sites)		
See Attached Listing					
				AL AD ALL AND	
REPORT OF ANIMALS USED B	Y OR UNDER CONTROL	OF RESEARCH FACILIT	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
Α.	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments,	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			3	Per telephone	3
7. Hamsters				W/Christina	
8. Rabbits			75	Meneses	75
9. Non-Human Primates				20 No.101 - CS	
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					
ADDURANCE STATEMENTS				The second secon	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures,

OCT | 2 200! 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual ruport, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other 💢

aspects of animal care and use.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Roubhaddin	Paul Ladden - President/COO Peninsula Laboratories	10-1/-01			

The following sites have been reported by the facility.

Registration Number:

93-R-0254

Customer Number:

1126

Facility:

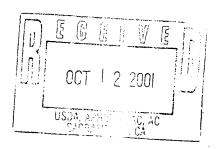
PENINSULA LABORATORIES, INC.

601 TAYLOR WAY

SAN CARLOS, CA 94070

(650) 592-5392

PENINSULA LABORATORIES, INC. 601 TAYLOR WAY SAN CARLOS, CA 94070



All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Larigo180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0260 CUSTOMER NO. 1125

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

JOSMAN, L L C P. O. BOX 3752 NAPA, CA 94558 (707) 226-2115

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

5230 Silverado Trail

Napa, CA 94558

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	None	None	None	None	None
5. Cats	None	None	None	None	None
6. Guinea Pigs	None	None	None	None	None
7. Hamsters	None	None	None	None Pertelephore	None
3. Rabbits	51	700	395	None/Isabelle Beicas	1095
9. Non-Human Primates	None	None	None	None 20 Nov 01	None
10. Sheep	None	1	Nône	None - C	1
11. Pigs	None	None	None	None	None
12. Other Farm Animals					
Goats	4	24	8	None	32
13. Other Animals	None	None	None	None	None
					<u>. \ </u>
				NOV 3 2001 11	7

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis; and tranquilizing drugs, prior-to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	FIGURE THE PROPERTY OFFICIAL OFFI	
SIGNATURE OF C.E.O. ORTHSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Joseph Beirao / Member	11 08 61

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0263 CUSTOMER NO. 1121

FORM APPROVED OMB NO. 0579-0035 315

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCANTIBODIES LABORATORIES, INC. 9336 ABRAHAM WAY SANTEE, CA 92071 (619) 258-9300

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching. C. Number of Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, which teaching, Animals Covered bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or (Cols. C+ experiments, conducted. distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals USDA, APHIS. REAC, AC **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

doposis di di ilitari dalla anta anta			
CERTIFICATIO	N BY HEADQUARTERS RESEARCH FACILIT	Y OFFICIAL	
(Chief Execut	ive Officer or Legally Responsible Institution	nal official)	
I certify that t	he above is true, correct, and complete (7 U.S.C. Secti		i
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONA	L OFFICIAL (Type or Prin	t) DATE SIGNED
		į	1
lelear d	Richard Lewert	ac/OH M	anager 29011
APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 8			PART 1 - HEADQUARTERS
MEDIACOS VS FURM 10-23 (UCC 0	Q). WINCH IS ODSOIRE		ACLI - DEADGUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0263

Customer Number:

1121

Facility:

SCANTIBODIES LABORATORIES, INC.

9336 ABRAHAM WAY SANTEE, CA 92071 (619) 258-9300

SCANTIBODIES LABORATORIES, INC. 2365 SAN VICENTE RAMONA, CA 92065

SCANTIBODIES LABORATORIES, INC. 2356-B SAN VICENTE ROAD RAMONA, CA 92065



result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information PAGE

0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 93-R-0265

FORM APPROVED OMB NO. 0579-0036 \315

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Audress, as registered with USDA include Zip Code)

Diagnostic Products Corporation 5700 W. 96th Street Los Angeles, CA 90045

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

45764 N. Copco Ave. Gorman

Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tasts were conducted involving no pain, distress, or use of pain-relieving drugs-	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate enesthetic, analgestic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be atteched to this report).	F. TOYAL NO. OF ANIMALS (COIS. C + O + E)
4. Dogs	0	O	0	0	0
5. Cats	0	0	0	0	0
5. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	O	0
3. Rabbits	1 11	233	0	0	2 33
9. Non-human Primates	0	0	0	O	0
10. Sheep	0	5	0	0	5
11. Pias	0	0	0	0	0 ′
12. Other Ferm Animals					
Burros	6	i	0	0	ì
13. Other Animals					
Goats	38	60	0	0	60
ASSURANCE STATEMENTS				I B B B I W	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of aniesthetic balgesic, and transputizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 27 2001
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations inviter the Act, and it has required that exceptions to the standards and egulations be specified and exceptions by the principal investigator and approved by the Institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions are standards and approved exceptions, this summary includes a brief explanation of the exceptions, as well as the specification of the exceptions, as well as the specification of the exceptions, as well as the specification of the exceptions are the specification of the exceptions.
- 4). The attending vetermanian for ites research facility has appropriate authority to ensure the provision of adequate veterinary loans in it is a superficient of the provision of adequate veterinary loans in it. animal care and use.

C	ERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Offices or Legativ Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Michael Ziering

11/4/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0266

CUSTOMER NO. 8228

FORM APPROVED OMB NO. 0579-0036 \ 3115

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

SEGALL, PH.D., PAUL E 1442A WALNUT STREET, #474 BERKELEY, CA 94709 (999) 999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, leaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

West Berkeley Facility

Ä.	B. Number of	C. Number of	D. Number of animals upon	essary or use APHIS FORM 7023A) E. Number of animals upon which leaching,	F.
Animals Covered By The Animal Wettare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-refleving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs					
7. Hamsters	37	0	215	0	215
8. Rabbits			·		
9. Non-Human Primates		·			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
·					
13. Other Animals					
•		•		250 2 2001	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, crior, to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. TA, APHIS, REAC, AC

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is eithering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION I	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Paul Ilea all	Paul E. Segall, Ph.D., Owner	11/28/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88); which is obsolete

Lal Wateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE			1. REGISTRATION	75 K-()268	FORM API OMB NO. (0579-0036	
			Ī	2. HEADQUARTE include Zip Cod	RS RESEARCH FACILITY (Name and Add	tress, as registere	ed with USDA
ANNUAL REPOR	RT OF RESEAR	CH FACILITY		2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) Bayter Hearth Care, Animal Face 4501 Colora do Blud Los Brells CA 90039			
	PE OR PRINT)						
				202	prouls CA	90	039
	ocations where animals				hing, or experimentation, or held for thes		
sheets if necessary.)	me as	abou	CILITY LOCAT	CIONE (CH)			· · · · · · · · · · · · · · · · · · ·
		FAC	SILITY EOCAT	IIONS (Siles)			
							*
<u></u>							
REPORT OF ANIMALS USED BY O	·	RESEARCH FACILITY	' (Attach adid	itional sheets if ne	cessary or use APHIS FORM 7023A.)		
A.	B. Number of animals being	C Number of animals upon		of animals upon periments,	E. Number of animals upon which tead experiments, research, surgery or te	ests were	F.
Animals Covered By The Animal	bred, conditioned, or held for use in	which teaching, research,	teaching	, research, or tests were	conducted involving accompanying to the animals and for which the us	e of appropriate	TOTAL NO.
Welfare Regulations	teaching, testing, experiments,	experiments, or tests were	accompa	ed involving anying pain or	anesthetic, analgesic, or tranquilizing have adversely affected the proceduling interpretation of the teaching, reseated.	ures, results, or	OF ANIMALS
	research, or surgery but not	conducted involving no pain, distress, or	and for v	to the animals which appropriate	experiments, surgery, or tests. (An the procedures producing pain or of	explanation of	(Cots. C +
	yet used for such purposes.	use of pain- relieving drugs.		ic, analgesic, or zing drugs were	animals and the reasons such drug must be attached to this report).		D + E)
4. Dogs			4304				
5. Cats						7-1-	
6. Guinea Pigs	0	. 0		2	0		0
7. Hamsters			<u> </u>		-		
8. Rabbits	0	0	(γ	0	-	0
Non-human Primates					<u> </u>		
10. Sheep							
			······································				
11. Pigs					,		
12. Other Farm Animals							
							
13. Other Animals	· · · · · · · · · · · · · · · · · · ·						<u> </u>
ACCUPANCE STATEMENTS							
ASSURANCE STATEMENTS 1) Professionally acceptable sta	andards governing the o	are, freatment, and us	e of animals,	including approria	ाte use of anesthetic, analgesic, and trans	uiteled dries o	rior to during
and following actual research	h, teaching, testing, sur	gery, or experimentation	on were tollow	wed by this researc	th lacility.		nor to, daring,
Each principal investigator h This bookby is adhering to the					SEP 27 235		
principal investigator and ap	proved by the institution	nal Animal Care and U	lse Committe	e (IACUC). A sum	is to the standards and regulations be sp mary of all such exceptions is attach exceptions, as well as the species and nat	ed this annua	d report to
The attending veterinarian for animal care and use.	ir this research facility h	ias appropriate author	ily to ensure	the provision of ac	lequate veterinary gare and to Sversee th	e adequacy of oth	her aspects of
	(Chief Ex	TION BY HEAD ecutive Officer of the above is it	r Legally	Responsible l	H FACILITY OFFICIAL Institutional Official) S.C. Section 2143)		
SIGNATURE OF C.E.O. OR INSTITU		,			OR INSTITUTIONAL OFFICIAL (Type or Pr	(nt)	DATE SIGNED
Alle	m Cu	lu	Arle	ene Vidor	nt Regulatory Affairs		8/2/01
APHIS FORM 7023 (Rei	places VS FORM 18-2	23 (OCT 88), which is					· /

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0269 CUSTOMER NO. 1124

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIOMERICA, INC. 1533 MONROVIA AVE. NEWPORT BEACH, CA 92663 (714) 645-2111

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, or surgery but not yet used for such purposes. C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.		D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	none	none			none
9. Non-Human Primates					
10. Sheep	none	none			none
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and uso.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
_ /)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Teamer Capitania	Francis capitanio , President	11/14/01

USDA, APHIS, REAC, AC

APHIS FORM 7023 (AUG 91)

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0272 CUSTOMER NO. 1122

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 HEART INSTITUTE RESEARCH FAC.

HEART INSTITUTE RESEARCH FAC 1225 WILSHIRE BLVD. LOS ANGELES, CA 90017 (213) 977-4040

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing Heart Institute Research 1225 Wilshire Boulevard
Los Angeles, CA. 90017

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anosthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5, `Cats					
6. Guinea Pigs					
7. Hamsters					•
8. Rabbits			319		319
9. Non-Human Primates		-			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
			1		
				OCT 1 2001	
				USUA, Armio, neno, Au	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Margie Harrier Vice President Clinical and Patient Services	DATE SIGNED 18/89/01

APHIS FORM 7028 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

trol No Laris

UNITED STATES DEPARTMENT OF AGRICULTURE

REGISTRATION NO. 93-R-0278

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

CUSTOMER NO. 1120

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

include Zip Code)
IMMUNE RESPONSE CORP.
5935 DARWIN COURT

5935 DARWIN COURT CARLSBAD, CA 92008 (760) 431-7080

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) A. B. Number of Number o D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or research, to the animals and for which the use of appropriate surgery, or tests were OF ANIMALS conducted involving Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C + experiments, interpretation of the teaching, research, conducted distress to the animals D + E) involving no research, or and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used. 4. Dogs 5. Cats Guinea Pigs Hamsters 0 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be-specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Dennis J. Carlo Ph.D., CEO	DATE SIGNED

The following sites have been reported by the facility.

Registration Number:

93-R-0278

Customer Number:

1120

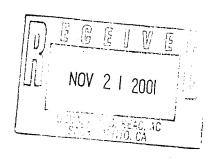
Facility:

IMMUNE RESPONSE CORP.

5935 DARWIN COURT CARLSBAD, CA 92008

(760) 431-7080

THE IMMUNE RESPONSE CORP 5935 DARWIN COURT CARLSBAD, CA 92008



LariS Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0279 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

 METABASIS THERAPEUTICS, INC.
 CONTROL DRIVE.

METABASIS THERAPEUTICS, INC 9390 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121 (858) 587-2770

See Attached Listing					
REPORT OF ANIMALS USED BY A.	B. Number of			ssary or use APHIS FORM 7023A)	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
				No AWA covered Animals used	
				Animals used	
ASSURANCE STATEMENTS					
	andards governing the car	e, treatment, and use of a	nimals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	durina.
and following actual research	h, teaching, testing, surger	y, or experimentation wer	re followed by this research facility		
Each principal investigator h	as considered alternatives	to painful procedures.			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL Ifficer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Paul K. Laikind, Ph.D.	DATE SIGNED
4	Chairman, CEO & President	09/25/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0283 CUSTOMER NO. 1115

FORM APPROVED 6

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ROBERT SARGEANT 655 ASH STREET RAMONA, CA 92065 (760) 789-5550

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon E. Number of animals upon which teaching, C. Number of animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, to the animals and for which the use of appropriate OF ANIMALS surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cois. C+ interpretation of the teaching, research, experiments, conducted distress to the animals D + Eresearch, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used. NOWE 4SED 4. Dogs 5. Cats U ONE 4160 6. Guinea Pigs NOWE USED Hamsters withe 45ED 2500 NOWE USED 2500 8. Rabbits 100 NOWE 4SED 9. Non-Human Primates NINE 4391 2 NONE 4SED 0 NONE 45ED 2 10. Sheep 11. Pigs NONE UJED 12. Other Farm Animals 45ED 15 GOATS 12 NAG 4SED ے سر بہ 15 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary-care and to oversee the adequacy of other aspects of animal care and use.

	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
m	ROBERT SARGEANT, DIRECTOR	11/18/01

The following sites have been reported by the facility.

Registration Number:

93-R-0283

Customer Number:

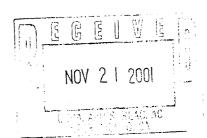
1115

Facility:

ROBERT SARGEANT 655 ASH STREET RAMONA, CA 92065

(760) 789-5550

ROBERT SARGENT 655 ASH STREET RAMONA, CA 92065



Lafighteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0284

CUSTOMER NO. 1101

(858) 410-5200

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ALLIANCE PHARMACEUTICAL CORPORATION 3040 SCIENCE PARK ROAD SAN DIEGO, CA 92121

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, anaigesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			4		4
5. Cats		- 1 - 0.0 whim			
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			6		6
9. Non-Human Primates					
10. Sheep					
11. Pigs			4	And the state of t	4
12. Other Farm Animals					
13. Other Animals					

				<u> </u>	
ASSURANCE STATEMENTS				11 11 11 11 11 11 11 11 11 11 11 11 11	::
 Professionally acceptable s 	tandards governing the car	e, treatment, and use of a	animals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to exercise the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.Q. OR WATITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
1 1 2	JUERON Limmer, DVM	- o - o
	VILE President, Clinical Research	5-0CT-01

See Attached Listing

Lat. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0289 CUSTOMER NO. 1112

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LA JOLLA INST. FOR EXPERIMENTAL MEDICINE 4570 EXECUTIVE DRIVE, STE 100

SAN DIEGO, CA 92121

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing

La Jolla Inst. for Experimental Medicine
4570 Executive Drive, Ste. 100, San Diego, CA 92121

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. B. Number of O. Number of D. Number of animals upon which leaching, a simple being a propose upon B. Number of animals upon which leaching, a simple being a propose upon B. Number of animals upon which leaching, a simple being a propose upon B. Number of animals upon Which preciping the experiments research surgery or lests were a speciments.

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthatic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			4	Per telephone	4
7. Hamsters				W/Dr Bourdon	
3. Rabbits			17	W/Dr Bourdon 29 Nov Cl	17
9. Non-Human Primates				- a	
10, Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				OCT 2 2 2000)	
				USDA, APHIS, REAC, AC SACRAMENTO CA	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Martin	Mario A. Bourdon, Ph.D.	10/17/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No Latis

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0297

CUSTOMER NO. 8226

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

include Zio Code)

TORREY PINES INST. FOR MOLECULAR STUDIES 3550 GENERAL ATOMICS CT. SAN DIEGO, CA 92121 (858) 455-3803

 REPORTING FACILITY (List a sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, eaching	or experimentation, or held for these purposes. Attach ac	lditional
			FACILITY LOCATIONS(sites)		
See Attached Listing					
Correy Pines I	Inst. for N	Molecular	Stds.		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate ariesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep	·				
11. Pigs				·	
12. Other Farm Animals					
13. Other Animals					
We only use					
rats, mice an	d frogs				
				The state of the s	
ASSURANCE STATEMENTS					
Professionally acceptable sta and following actual research Each principal investigator ha	n, teaching, testing, surger	y, or experimentation we	animals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to	during,
principal investigator and app	proved by the Institutional.	Animal Care and Use Co	mmittee (IACUC), A summary of	tandards and regulations be specified and explained by the all the exceptions is attached to this annual report. In s, as well as the species and number of animals affected.	e
The attending veterinarian for aspects of animal care and u		appropriate authority to e	ensure the provision of adequate v	eterinary care and to oversee the adequacy of other	
	(Chief E	xecutive Officer	QUARTERS RESEARCH or Legally Responsible I ue, correct, and complete (7 U	nstitutional official)	
SIGNATURE OF C.E.O. OR IN				TTUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Pers	Toplee	Pe	ggy Totzke, (CFO	11/02/01

Larisnteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0298 CUSTOMER NO. 1109

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 COR THERAPEUTICS, INC.
 256 EAST GRAND AVENUE

SAN FRANCISCO, CA 94080 (650) 244-6800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Same As Above (Item #2)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs		24			24
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	16	0 .	523	0	523
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS				TISTIA, APHIS. REAU, AL	<u> </u>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of an esthetic, analgesic, and tranquilizing druge, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

· ·	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official)	
	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	Charles J. Homcy	
(hal)	Executive Vice President, Research and Development	11/6/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0299 CUSTOMER NO. 1108

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANIMAL PHARM SERVICES, INC.

1100 BRODERICK STREET

1100 BRODERICK STREET SAN FRANCISCO, CA 94115 (707) 431-0171

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) 303 Dry Creek Read | Headsburg | Ca | 95448

PACILITY LOCATIONS(sites)

See Attached Listing

303 Dry Creek Road, Healdsburg, CA, 95448

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pair or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	Q 1	18	0	0	18
7. Hamsters	0	Ð	0	0	6
8. Rabbits	27	1289	0	Ò	1289
9. Non-Human Primates	6	C	0	0	O
10. Sheep	0	O	0	0	0
11. Pigs	0	0	0	0	O
المحر) 12. Other Farm Animals	0	23	0	0	23
13. Other Animals	0	0	0	DEBINE N	٥
		<u> </u>		DEC 2 7 2001	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and tranquilizing thougs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	James L Phillips Facility Manager	12/20/01		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0299

Customer Number:

1108

Facility:

ANIMAL PHARM SERVICES, INC.

1100 BRODERICK STREET SAN FRANCISCO, CA 94115

(707) 431-0171

ANIMAL PHARM SERVICES, INC. 303 DRY CREEK ROAD HEALDSBURG, CA 95448



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0303 CUSTOMER NO. 1105

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

I D E C PHARMACEUTICALS CORP. 3030 CALLAN ROAD SAN DIEGO, CA 92121 (858) 431-8500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number o D. Number of animals upon E. Number of animals upon which teaching, Number of animals being animals upon which experiments, experiments, research, surgery or tests were TOTAL NO. which teaching, conducted involving accompanying pain or distress Animals Covered bred. teaching, research, to the animals and for which the use of appropriate OF ANIMALS conditioned, or surgery, or tests were research, By The Animal Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cois. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or interpretation of the teaching, research, D + E) experiments, conducted distress to the animals research, or involvina no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs used. 4. Dogs 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits NO COVERED ANIMALS 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals زَجَ 13. Other Animals T 9 2001 SACRAMENTO, CA ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

		1
(Cillel Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Per Attache Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	el letter
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. ORUNSTITUTIONAL OFFICIAL (Type or Print) Kenneth J. Woolcott Vice President, General Counsel	80ct of

APHIS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0310 CUSTOMER NO. 1113

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Bakersfield, California 93306

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code)

KERN MEDICAL CENTER ECC 1830 FLOWER STREET BAKERSFIELD, CA 93305 (805) 326-2667

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing AUBURN ANIMAL HOSPITAL #3713 Auburn Street

KERN COUNTY MORGUE

1830 Flower Street

Bakersfield, California 93305

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11, Pigs			44		4
12. Other Farm Animals		, i - 85 * * * * * * * * * * * * * * * * * *			
13. Other Animals					
				DEC 1 0 2001	
ACCUPANCE CTATEMENTS				Tion Asing Ocal Al	
ASSURANCE STATEMENTS	standards governing the car	a treatment and use of	animals including appropriate use	USDA, APHIS, REAC, AC	turing

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

HEADQUARTERS RESEARCH FACILITY OFFICIAL	
Officer or Legally Responsible Institutional official)	
ove is true, correct, and complete (7 U.S.C. Section 2143)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Thomas B. Purcell, MD	5 DEC 01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

This report is required by law (7 USC 2143). Failure to report according to the regulations can be result in an order to cease and desire and to be sufficient. result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0311

CUSTOMER NO. 1111

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip Code)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

PACIFIC ANTISERA CORPORATION 2492 TECHNOLOGY DRIVE HAYWARD, CA 94545

	(510) 782-1772
 REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.) 	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ATIONS(sites)
See Attached Listing	

REPORT OF ANIMALS USED BY	Y OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		4	1690		1694
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12, Other Farm Animals					
13. Other Animals					
				UU OCT 8 ZUU U	
				U004 10140 0110 10	
				SACRAMENTO, CÂ	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY	HEADQUARTERS RESEARCH FACIL	ITY OFFICIAL	
(Chief Executive C	Officer or Legally Responsible Institution	onal official)	
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Se	ction 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTION	IAL OFFICIAL (Type or Print)	DATE SIGNED
Co Boby mo.	Charles Bieber	M.D. Pres.	10/16/0

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0311

Customer Number:

1111

Facility:

PACIFIC ANTISERA CORPORATION

2492 TECHNOLOGY DRIVE HAYWARD, CA 94545

(510) 782-1772

PACIFIC ANTISERA CORPORATION 2492 TECHNOLOGY DRIVE HAYWARD, CA 94545



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0314 CUSTOMER NO. 8227

FORM APPROVED OMB NO. 0579-0036

Lang

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN 10355 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121

				(858) 558-3500	
	all locations where animals	were housed or used in	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach add	litional
sheets if necessary.)	<u> </u>	F	ACILITY LOCATIONS(sites)		·
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			13		13
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
1) Professionally acceptable s	tandards governing the care	e, treatment, and use of a	nimals, including appropriate use	of anesthetid, analgesic, and tranquilizing drugs, prior to	during,
and following actual researce 2) Each principal investigator		•	e followed by this research facility	·	
principal investigator and ap addition to identifying the IA	pproved by the Institutional ACUC-approved exceptions	Animal Care and Use Col this summary includes a	mmittee (IACUC). A summary of brief explanation of the exception	standards and regulations be speci <u>fied and explains</u> d by the all the exceptions is attached to this annual report. In is, as well as the species and number of animals affected.	
 The attending veterinarian is aspects of animal care and 		appropriate authority to e	ensure the provision of adequate v	reterinary care and to oversee the adequacy of other	•

(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Howard hus	Howard Grey, M.D., President/Scientific Dire	tor 11/29/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0314

Customer Number:

8227

Facility:

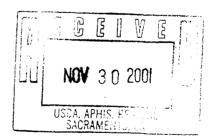
LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN

10355 SCIENCE CENTER DRIVE

SAN DIEGO, CA 92121

(858) 558-3500

LA JOLLA INSTITUTE FOR ALLERGY AND IMMUN 10355 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0316 CUSTOMER NO. 1110 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CORVAS INTERNATIONAL, INC. 3030 SCIENCE PARK ROAD SAN DIEGO, CA 92121

 REPORTING FACILITY (List all locations where animals were housed or used in actual resear sheets if necessary.) 	ch, testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LO	CATIONS(sites)
CORVAS INTERNATIONAL, INC. SAN DIEGO, CA 92121	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tasts were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
		: •			
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)				
Crystal Nakamoto, Vivarium Manager				

2- This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. ANIMAL AND PLANT HEALTH INSPECTION SERVICE FORM APPROVED 93-R-0317 OMB NO 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code) **PHARMINGEN** TYPE OR PRINT) 10975 TORREYANA ROAD SAN DIEGO, CA 92121 (858) 812-8800 (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional Vivarium - Dorth Bidg. FACILITY LOCATIONS(sites) See Attached Listing

B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
		-		
	<u>بر</u>			
Ø	8	Ø	Ø	8
		l f		
			U) (
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. All animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. A Mich experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	animals being bred, conditioned, or held for use in teaching, testing, research, or surgery but not yet used for such purposes. which experiments, research, surgery or tests were conducted involving a companying pain or distress to the animals and for which appropriate an experiments, research, or surgery but not yet used for such purposes. which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate an experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate an experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate an experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate answers and for which appropriate an experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate answers and for which proposed an experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate answers and result in the animals and for which the use of appropriate answers and experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate answers are submitted.

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and transfer drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility-
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OF	DATE SIGNED				
Lega MMM V	JOHN L. MILLER	VP/GM	10-5-01			

The following sites have been reported by the facility.

Registration Number: Customer Number:

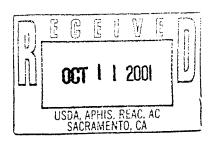
93-R-0317 1107

Facility:

PHARMINGEN

10975 TORREYANA ROAD SAN DIEGO, CA 92121 (858) 812-8800

PHARMINGEN 10975 TORREYANA ROAD SAN DIEGO, CA 92121



Interagency Report Control No 0180-DOA-AN

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0323

CUSTOMER NO. 8225 FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PRESIDENT & BOARD OF TRUSTEES OF SANTA CLARA COL.

500 EL CAMINO REAL SANTA CLARA, CA 95053 (498) 554-4100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal surgery, or tests were research, to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or tests were (Cols. C+ accompanying pain or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs. 0 4. Dogs 0 0 0 0 0 5. Cats 0 0 0 0 0 0 0 6. Guinea Pigs 0 7. Hamsters 0 0 0 0 Rabbits 0 9. Non-Human Primates 0 0 0 0 0 0 0 Ô \mathcal{O} 10. Sheep 0 0 11. Pigs 0 0 0 12. Other Farm Animals O 0 0 0 13. Other Animals 0 0 ASSURANCE STATEMENTS ∵}` 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use ng drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards ad-regulations-be-specified-and-explained by the

 The attending veterinarian for this research facility has appropria aspects of animal care and use. 	ate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other	•
CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	ve Officer or Legally Responsible Institutional official)	
<u> </u>	he above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
IN IN THE HALL ST	PAUL LOCATELLI, S.i.	11/28/01
Taul (Weat any X	PRESIDENT	11/20101

principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this Animal report. in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the நில் என்ற முற்ற வர்கள் காய்கள் காய்க

APHIS FORM 7023 (AUG 91)

See Attached Listing

(Replaces VS FORM 15-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0323

Customer Number:

8225

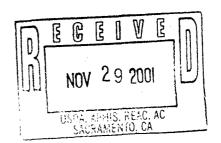
Facility:

PRESIDENT & BOARD OF TRUSTEES OF SANTA CLARA COL.

500 EL CAMINO REAL SANTA CLARA, CA 95053

(498) 554-4100

SANTA CLARA UNIVERSITY 500 EL CAMINO REAL SANTA CLARA, CA 95053



Latts Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 93-R-0326

CUSTOMER NO. 1102

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA, include Zip Code)

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE

ORANGE, CA 92867 (714) 639-9501

REPORTING FACILITY (List a sheets if necessary.)	all locations where animals			, or experimentation, or held for these purposes. Attach add	fitional
0 - 411			FACILITY LOCATIONS(sites)		
See Attached Listing		\			
	ame as (2)			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered	animals being bred,	animals upon which teaching.	which experiments, teaching, research,	experiments, research, surgery or tests were conducted involving accompanying pain or distress	TOTAL NO.
By The Animal	conditioned, or	research,	surgery, or tests were	to the animals and for which the use of appropriate	OF ANIMALS
Welfare Regulations	held for use in teaching, testing,	experiments, or tests were	conducted involving accompanying pain or	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or	(Cols. C+
	experiments, research, or	conducted	distress to the animals	interpretation of the teaching, research,	D + E)
	surgery but not	involving no pain, distress, or	and for which appropriate anesthetic, analgesic, or	experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	
	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used	
!	poliposos.	reneving drugs.	usau.	must be attached to this report)	
4. Dogs	10		74		74
5. Cats					•
6. Guinea Pigs					
7. Hamsters					
8. Rabbits				·	
9. Non-Human Primates					
10. Sheep				,	
, , , , , , , , , , , , , , , , , , , ,			/ 3		
11. Pigs			/3		/3
12. Other Farm Animals					
	· · · · · · · · · · · · · · · · · · ·				
13. Other Animals					
					711111
	<u> </u>			NOV 2 U 2001	
				704 2 0 2001	
				USDA APHIS REAC AC	
ASSURANCE STATEMENTS				SACRAMENTO CA	
			nimals, including appropriate use e followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to,	ال ومسا

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Hen A Bornson	Gene A Bornzin (I.O.)	11-20-01
A DALUE FORMA FORM		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0326

Customer Number:

1102

Facility:

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE

ORANGE, CA 92867 (714) 639-9501

BIO-DEVICES LABORATORIES 2118 W. COLLINS AVENUE ORANGE, CA 92867

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0333

CUSTOMER NO. 1099

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

FERTILITY INST. OF CALIF., THE 1515 YGNACIO VALLEY RD, STE L WALNUT CREEK, CA 94598 (925) 945-1628

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E, Number of animals upon which teaching experiments, research, surgery or tests conducted involving accompanying pair to the animals and for which the use of anesthetic, analgesic, or tranquilizing din have adversely affected the procedures interpretation of the teaching, research, experiments, surgery, or tests. (An expite procedures producing pain or distreanimals and the reasons such drugs we must be attached to this report)	were n or distress appropriate ugs would r, results, or lanation of ss in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters			110			110
8. Rabbits						
9. Non-Human Primates		-				10 15 15 15 15 15 15 15 15 15 15 15 15 15
10. Sheep				·		
11. Pigs		·			·	
12. Other Farm Animals						
Annual Control of the State of						
13. Other Animals					:	
				Liui Gui		
41-7-2				12U 001 4 3 2 3		· - · · · · · · · · · · · · · · · · · ·
				USDA APHIS REAC AC SACRAMENTO, CÁ		

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS Officer or Legally R above is true, correct, and	esponsib	le Institutional o	fficial)	, e
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	MAME & TITLE OF C	C.E.O. OR I	NSTITUTIONAL OF	FICIAL (Type or Print) President	DATE SIGNED

(AUG 91)

APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PER records - 6 7 Novo/

The following sites have been reported by the facility.

Registration Number:

93-R-0333

Customer Number:

1099

Facility:

FERTILITY INST. OF CALIF., THE 1515 YGNACIO VALLEY RD, STE L

WALNUT CREEK, CA 94598

(925) 945-1628

THE FERTILITY INSTITUTE OF CALIFORNIA 1515 YGNACIO VALLEY RD, STE WALNUT CREEK, CA 94598



Larightenigency Report Control No 018C-DOA-4N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0339

CUSTOMER NO. 1236

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as nigistered with USDA, Include Zip Code)

SURGICAL SIMULATION TRAINING CENTER 10625 NUEVO COURT

FONTANA, CA 92335 (909) 875-1019 ation, or held for these purposes. Altach tidditional

sheets if necessary.)		F	ACILITY LOCATIONS(sites)		-
See Attached Listing					
		garage and the second s			
REPORT OF ANIMALS USED	BY OR UNDER CONTROL O	F RESEARCH FACILITY	(Altach additional sheets if neo	essary or use APHIS FORM 7023A)	1
Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.

A. Animals Covered By The Animat Walfere Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relleving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distres s to the animals and for which the use of epyroprieta anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tents. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		`	66		66
5. Cats					
5. Guinea Pigs			·		
7. Hamsters					
8. Rapbits				>0	
9. Non-Human Primates	>0				
10. Sheep		133			133
11. Pigs		68			68
12. Other Farm Animals					
				A BREUVEIN	
13. Other Animals Mice	/	_//		OCT - 5 2001	11
				0CT - 3 2001	
				USUM SOURS SEAC, AC SACRAMENTO, CA	0=0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drups, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the rms is surieting to the standards ento regulations after the rect, and it has bequite unit acceptant to the standards and expenses be specified by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	HEADQUARTERS RESEARCH FACILITY OFF							
(Chief Executive O	(Chief Executive Officer or Legally Responsible Institutional official)							
	ove is true, correct, and complete (7 U.S.C. Section 2143							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFI	CIAL (Type or Print) DATE SIGNED						
deshe & Wash	HERBERT L. WAShin	iston Owner 9/26/61						
APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 88), whi	ich is absolete	PART 1 - HEADQUARTERS						

The following sites have been reported by the facility.

Registration Number:

93-R-0339

Customer Number:

1236

Facility:

SURGICAL SIMULATION TRAINING CENTER

10625 NUEVO COURT FONTANA, CA 92335

(909) 875-1019

SURGICAL SIMULATION TRAINING CENTER 10625 NUEVO COURT FONTANA, CA 92335



Interagency Report Sentrol No 0180-DOA-AN

PART 1 - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0347

CUSTOMER NO. 1247

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

APHIS FORM 7023

(AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

WEREIN-ZARUTSKIE FERTILITY CENTER 4900 BARRANCA PARKWAY, STE 103

IRVINE, CA 92604 (949) 726-0630

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.)					
			ACILITY LOCATIONS(sites)		
See Attached Listing (CA	STAL FORTIL	ITY MED, C	TR.		
4900 BARRAN	CA PRKET	4 #10	3		** * ***
irvine, CA. 9					
		E DESCADOU FACILITA		40/110 CORM 70004)	
	B. Number of		· · · · · · · · · · · · · · · · · · ·	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	:34	298			298
8. Rabbits					
9. Non-Human Primates	·				
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals	·				
			[
ASSURANCE STATEMENTS					
				rofianesthetic, analgesic, and tranquilizing drugs, prior to,	during,
Each principal investigator ha					
This facility is adhering to the principal investigator and app	standards and regulation roved by the Institutional	s under the Act, and it ha Animal Care and Use Co	mmittee (IACUC). A summar of	standards and regulations be specified and explained by the all the exceptions is attached to this annual report. In	8
	this research facility has			ns, as well as the species and number of animals affected. Sharp the species and number of animals affected. Sharp the species and to oversee the adequacy of other	
	CERTIFIC	CATION BY HEAD	QUARTERS RESEARCH	FACILITY OFFICIAL	
\setminus	(Chief E	xecutive Officer of	or Legally Responsible ue, correct, and complete (7 to	Institutional official)	
SIGNATURE OF C.E.S. OR IN	STITUTIONAL OFFICE			TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
MOUSEL	/h /	los	DRONCE B. U	serlin, M.S.	9/26/01

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information Laris Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO

0180-DOA-AN

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

93-R-0349

CUSTOMER NO 1251

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ANNENBERG CENTER FOR HEALTH SCIENCES 39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270 (760) 773-4500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon F Number of animals upon which teaching. animals being animals upon which experiments experiments, research, surgery or tests were which teaching Animals Covered TOTAL NO. bred. teaching, research, conducted involving accompanying pain or distress OF ANIMALS conditioned, o to the animals and for which the use of appropriate By The Animal research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involvina na experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving drugs used. 0 0 0 4. Dogs 0 0 Cats 0 6. Guinea Pigs 0 0 0 0 Hamsters 0 8. Rabbits 0 0 9. Non-Human Primates 0 0 0 10. Sheep 0 0 0 11. Pigs 0 0 0 12. Other Farm Animals 0 0 13, Other Animals 0 0 0 5 U OCT - 5 2001 ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestibatic, analysis, and tranquilizing edugs, pripr to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

SACRAMENTO, CÀ

Each principal investigator has considered alternatives to painful procedures

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspecto of armital soll and are					***	
	(Chief Executive	Officer or Legally F	S RESEARCH FACILI Responsible Institution and complete (7 U.S.C. Sec	onal official)		- · • • · · ·
SIGNATURE OF C.E.O. OR INSTITUTION	miles	Michige!	C.E.O. OR INSTITUTION	_	/	DATE SIGNED
APHIS FORM 7023 (Replaces	VS FORM 18-23 (Oct 88), v	which is obsolete			PART 1 - HE	ADQUARTERS

(AUG 91)

See Attached Listing

Perfelephor Michael Landes-G8Nov0/

The following sites have been reported by the facility.

Registration Number:

93-R-0349

Customer Number:

1251

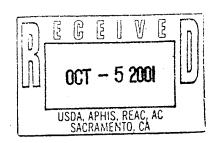
Facili.

ANNENBERG CENTER FOR HEALTH SCIENCES

39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270

(760) 773-4500

ANNENBERG CENTER FOR HEALTH SCIENCES 39000 BOB HOPE DRIVE RANCHO MIRAGE, CA 92270



Laris Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0357 CUSTOMER NO. 1260

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MICROCIDE PHARMACEUTICALS, INC 850 MAUDE AVENUE MOUNTAIN VIEW, CA 94043

	· · · · · · · · · · · · · · · · · · ·		FACILITY LOCATIONS(siles)		
See Attached Listing					
)				ssary or use APHIS FORM 7023A)	
A. Animals Covered 3y The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	&	73	0	73
9. Non-Human Primates					
10, Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

ASSURANCE STATEMENTS

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	 	····
	(Chief Executiv	ve Officer or Legally Responsible Institutional official)		
	/ certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE OF C.E.O. OR INS	STITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ()	Type or Print)	DATE SIGNED
	116 .///			11/14/0
Joen /	MULLIN	Executive Vice President Resear	ch & Developm	ent
APHIS FORM 7023 / (F	Replaces VS FORM 18-23 (Oct 88).	which is obsolete	PART 1 - H	EADQUARTERS
(AUG 91)				
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USDA, APHIS, REAC, AC SACRAMENTO, CA

Angragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0358

CUSTOMER NO. 8231

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

OUESTCOR PHARMACEUTICALS

QUESTCOR PHARMACEUTICALS 2714 LOKER AVENUE WEST CARLSBAD, CA 92008

	Il locations where animals	were housed or used in	actual research, testing, teaching	, or experimentation, or held for these purposes. Attach ac	dditional		
sheets if necessary.)		1	FACILITY LOCATIONS(sites)				
See Attached Listing							
None							
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A }			
A. Animals Covered 8y The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs	0	0	0	0	0		
5. Cats	0	0	0	0	0		
6. Guinea Pigs	0	0	0	0	0		
7. Hamsters	0	0	0	0			
8. Rabbits	0	0	0	0	0		
9. Non-Human Primates	0	0	0	0	0		
10. Sheed	0	0	0	0	0		
11. Pigs	0	0	0	0	0		
12. Other Farm Animals	0	0	0	0	0		
13. Other Animals	0	Ò	0	0	0		
ASSURANCE STATEMENTS	<u></u>			0:1172			
1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to epainful by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.							
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR IN	STITUTIONAL OFFICE	AL NAME		TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 10-12-01		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0360 CUSTOMER NO. 1269

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PROTEIN DESIGN LABS, INC. 34801 CAMPUS DRIVE FREMONT, CA 94555 (510) 574-1400

1. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon experiments, research, surgery or tests were which experiments, which teaching, Animals Covered bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or anesthetic analgesic, or tranquilizing drugs would conducted involving (Cois, C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments, conducted interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic analgesic or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 18 18 6. Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 276 276 Gerbil (15 13

 Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of animals and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 	esthetic	Janaiga di	indigand	uiliang drugs.	prior to,	during
and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	luu	-	J J	2001	1 Same	1

2) Each principal investigator has considered alternatives to painful procedures.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of attitude care and use.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
x enny a mee	Cary Queen, Ph.D, Sr.V.P., Research	10/29/01			

ASSURANCE STATEMENTS

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0361 CUSTOMER NO. 1270

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> PHARMACYCLICS 995 E. ARQUES AVENUE SUNNYVALE, CA 94086 (408) 774-0330

SACRAMENTO, CA

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS/sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted interpretation of the teaching, research, distress to the animals D + E) involving no research, or and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquitizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 98 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 10 13. Other Animals NUV ZUU

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) PICHAZD MILLERZ, PRESIDENT & CEO	DATE SIGNED			

ASSURANCE STATEMENTS

The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0361

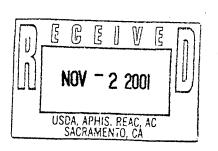
Facility:

1270 PHARMACYCLICS

995 E. ARQUES AVENUE SUNNYVALE, CA 94086

(408) 774-0330

PHARMACYCLICS 995 E. ARQUES AVENUE SUNNYVALE, CA 94086



Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0362 CUSTOMER NO. 1272

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INSTITUTE OF CRITICAL CARE MEDICINE 1695 N. SUNRISE WAY PALM SPRINGS, CA 92262 (760) 323-6867

sheets if necessary.)					
See Attached Listing		F	ACILITY LOCATIONS(sites)		
oco / maorica cioning			İ		
				40.00	
•					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		77777			
9. Non-Human Primates	·				
10. Sheep					
11. Pigs		41			41
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					
and following actual research 2) Each principal investigator ha 3) This facility is adhering to the principal investigator and appaddition to identifying the IAC	n, teaching, testing, surger as considered alternatives a standards and regulation proved by the Institutional CUC-approved exceptions, or this research facility has	y, or experimentation wer to painful procedures, s under the Act, and it ha Animal Care and Use Cor this summary includes a	e followed by this research facility s required that exceptions to the semmittee (IACUC). A summary of brief explanation of the exception	of anesthetic, analgesic, and tranquilizing drugs, prior to,	ne ·
	(Chief E	xecutive Officer of	QUARTERS RESEARCH or Legally Responsible I ue, correct, and complete (7 t	Institutional official)	-
SIGNATURE OF C.E.O. OR IN				TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
fal Bi	un	Jo	ie BISERA	UP ENGR.	10/31/01
		<u></u>			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

The following sites have been reported by the facility.

Registration Number:

93-R-0362

Customer Number:

1272

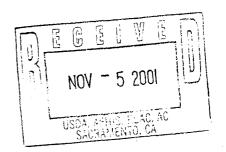
Facility:

INSTITUTE OF CRITICAL CARE MEDICINE

1695 N. SUNRISE WAY PALM SPRINGS, CA 92262

(760) 323-6867

INSTITUTE OF CRITICAL CARE MEDICINE 1695 N. SUNRISE WAY PALM SPRINGS, CA 92262



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0363

CUSTOMER NO. 1274

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

B L P BIO LAB SERVICES

-1840 MANZANITA-COURT I (IS MARINE VIEW DRIVE VISTA, CA 92083

(760) 941-3430

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, Number of Number of animals upon Number of experiments, research, surgery or tests were animais being animals upon which experiments. conducted involving accompanying pain or distress TOTAL NO. which teaching, Animals Covered bred, teaching, research, OF ANIMALS conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate By The Animal anesthetic analgesic, or tranquilizing drugs would Welfare Regulations held for use in experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or (Cols. C + tests were accompanying pain or experiments, interpretation of the teaching, research, D + E) conducted distress to the animals experiments, surgery, or tests. (An explanation of research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or pain, distress, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs. used 4. Dogs 5. Cats Guinea Pigs 7. Hamsters σ 3 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals **ASSURANCE STATEMENTS** 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and other control of the care of during, || and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual representation to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animous affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of allittal care and use.	9	
	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	Officer or Legally Responsible Institutional official)	
	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Ald Ole	TED G. COLE DUNE BLA DIDLAS PRIMES	11/04/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0364 CUSTOMER NO. 1278

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SIERRA BIO SOURCE, INC. 260 COCHRANE CIRCLE, STE E MORGAN HILL, CA 95037

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) 					
		F	FACILITY LOCATIONS(sites)		-
SIERRA BIO SOURCE, INC. GILROY, CA 95020					
	B. Number of			ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			14		14
7. Hamsters			:		
8. Rabbits			8		8
9. Non-Human Primates					
10. Sheep					
11. Pigs				-	
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					·

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) (certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Rick Srigley, CEO	Rick Srigley, CEO	11/19/2001			

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0367

CUSTOMER NO. 1296

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

APPLIED MOLECULAR EVOLUTION 3520 DUNHILL STREET SAN DIEGO, CA 92121 (619) 597-4990

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

AME VIVARIUM	<u>-3520 (</u>	JUNHILL STR	PET			
	SAN DIE	90, CA, 921	21			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	 (Attach additional sheets if nece:	ssary or use APHIS FORM 7023A)		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)	
4. Dogs	0	0	0	0	0	
5. Cats	0	0	0	0	0	
6. Guinea Pigs	0	0	0	0	0	
7. Hamsters	0	0	0	0	0	
8. Rabbits	0	0	0	0	0	
9. Non-Human Primates	0	0	0	0	0	
10. Sheep	0	0	0	0	0	
11. Pigs	0		0	0	0	
12. Other Farm Animals	0	0	0	٥	0	
13. Other Animals	0	0	0	0	0	
				SFD 2 7 2004		
ASSURANCE STATEMENTS						
1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drups, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.						
.,	4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
	(Chief E	Executive Officer	or Legally Responsible lue, correct, and complete (7 t	nstitutional official)		
SIGNATURE OF C.E.O. OR IN				FITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED	

WILLIAM D. HUSE, M.D., Ph.D.

DIOCULIA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED THE

Z. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Codel

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

relation In Code)

Fibroben INC.

1756 ateloay BLVd.

1756 ateloay BLVd.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, reaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles) Reporting period from

^	B. Number of	C 11	(Altach adigitional sheets if ne	E. Number of animals upon which teaching.	T .
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of arkinals upon which experiments, teaching, research, surgery, or tasts were conducted alvolving accompanying pain or distress to the allimats and for which appropriate anesthetic, analigesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the alimals and for which the use of appropriate anesthetic, analigetic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the tracking, research.	F. TOTAL NO. OF ANIMALS (COIs. C + O + E)
4. Dogs	0	0	0	0	0
5. Cais	0	0	0	0	0
5. Guinea Pigs	10	0	0	0	0
7. Hamsters	10	0	8	0	0
3. Rabbits	2	0	69	0	69
9. Non-human Primates	10	0	0	0	0
10. Sheep	0	Ø	0	0	0
:1. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
	10	ex-	2	OF .	<i>A</i>
13. Other Animals		(-)			
				TO BOBINED	

1) Protessionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of brightness, analysis, and transquilizing drugs, prior to, curing, and following actual research, reaching, losting, surgery, or experimentation were followed by this research tac NOV 29 2001

2). Each principal investigator has considered afternatives to painful procedures

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations and explained by the principal investigator and approved by the institutional Annual Care and use Committee (IACUC). A summary of all such exceptions is attached to this annual report, to action to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the spaces and principal attached.

4). The offending veliginarian for this insearch facility has appropriate authority to ensure the provision of odequate veterinary care and to oversee the adireguacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Sestion 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0369

CUSTOMER NO. 1298

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PRIMATE PRODUCTS, INC. - EAST 1765 EAST BAYSHORE, SUITE 28A P. O. BOX 620415 REDWOOD CITY, CA 94062 WOODSIDE, CA (445) 368-0563 650-529-0419

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

780 NW 53 ST. MIAMIFL 33166 QUARANTINE DIVISION

34200 DUMPROAD TOMMARDIES TI GROUP HOUSING ENCILITY

14200 DUMP		MOKALEE		LP HOUSING FACILIT	<u> </u>
	The state of the s	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	,
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs		****			
7. Hamsters					
8. Rabbits					
9. Non-Human Primates	-0-	- 0-	-0-	-0 -	-0-
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					
			;	- M	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analysis, and transplacing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION 8	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Sloveld G. Graffrd.	DONALD BRADFORD PRESIDENT	11-26-01
ASULO FORMA FORM	, , , , , , , , , , , , , , , , , , , ,	···

APHIS FORM 7023 / (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

ADDRESS CORRECTION NEEDED

Registration Number:

93-R-0369

Customer Number:

1298

Facility:

PRIMATE PRODUCTS, INC. - EAST

1755 EAST BAYSHORE, SUITE 28A

REDWOOD CITY, CA 94062

P.O. BOX 620415

WOODSIDE CA 94062

(415) 368-0663

650-529-6419

(2.)

PRIMATE PRODUCTS, INC. - EAST

34200 DUMP RD -IMMOKALEE, FL 34142 7780 NW 53 ST.

(QUARANTINE DIV.)

MiAMi, FL 33166-4102

3. PRIMATE PRODUCTS, INC. 34200 DUMP ROAD IMMOKALEE, FL 34142

Interagency Report Control No 0180-DOA-AN

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO. 93-R-0371

CUSTOMER NO. FORM APPROVED

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1304 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

DOG LODGE, INC., THE 1551 WEST LAMBERT ROAD LA HABRA, CA 90631 (562) 691-1152

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

The Dog Lodge, 1551 WLAMbert Rd LAHABER, CA 9063/

A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL Of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	(Attach additional sheets if nece. D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		74			74
5. Cats		82			82
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
					······································
13. Other Animals					
				OCT 2 5 2001	
		<u> </u>		2001	
ACCUPANCE CTATEMENTS				USDA, APHIS, REAC, AC SACRAMETTO, CA	
ASSURANCE STATEMENTS				3.33	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
Sharon To achie	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Sharon Machik, Pres	DATE SIGNED 0 22 0

The following sites have been reported by the facility.

Registration Number:

93-R-0371

Customer Number:

1304

Facility:

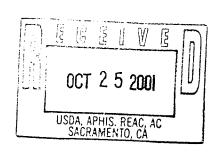
DOG LODGE, INC., THE

1551 WEST LAMBERT ROAD

LA HABRA, CA 90631

(562) 691-1152

THE DOG LODGE, INC. 1551 WEST LAMBERT ROAD LA HABRA, CA 90631



Larisonteragency Report Control No Larisonteragency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0377

CUSTOMER NO. 1331

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

(AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

LIGAND PHARMACEUTICALS, INC. 10255 SCIENCE CENTER DRIVE SAN DIEGO, CA 92121 (858) 550-7888

3. REP	ORTING FACILITY	(List all locations where animals were	housed or used in actual research,	testing, teaching	, or experimentation,	or held for these purposes.	Attach additional	
shee	ts if necessary.)							

FACILITY LOCATIONS(sites)

See Attached Listing	•						
10255 Science Center Dr							
San Diego, CA 92121							
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)			
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs	0	0	0	0	0		
5. Cats	0	0	0	0	0		
6. Guinea Pigs	0	Ô	0	0	0		
7. Hamsters	0	0	0	0	Ò		
8. Rabbits	0		0	0	Q		
9. Non-Human Primates	0	0	0	0	0		
10. Sheep	0	0	0	0	0		
11. Pigs	0	0	Q	0	Ò		
12. Other Farm Animals	0	0	0	0 '	0		
	,	-		6			
13. Other Animals	0	0	0	0,	<u> </u>		
				11 16 10 10 10 10 10 10			
:				holy man har be to the same			
				OCT Q non			
ASSURANCE STATEMENTS	ASSURANCE STATEMENTS						
				of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,		
and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. USDA, APHIS, REAC, AC SACRAMENTO, CA							
3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.							
addition to identifying the IACUC-approved exceptions, this summary includes a orief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.							
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)							
/ Locrify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Andrés Negro-Vilar, MD, PhD Sr. VP, RaD and CSO 10/15/01							
APHIS FORM 7023 / Replaces VS FORM 18-23 (Oct 88), which is obsolete PART 1 - HEADQUARTERS							

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

additional information.

Interagency Report Control No Laris 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CUSTOMER NO. 93-R-0378

1332

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET SAN DIEGO, CA 92121

(610) 625-0100

 REPORTING FACILITY (List all locations when 	e animals were housed or used in actual rese	arch; testing, teaching, or experimentation, o	or neid for these purposes. Attach additional
sheets if necessary.)			

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					:
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	25	45			45
9. Non-Human Primates				·	
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				10T 22 2.3 U	
ASSURANCE STATEMENTS				USDA APHIS REAC AC	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic. and the care, treatment, and use of animals, including appropriate use of anesthetic. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.	, , , , , , , , , , , , , , , , , , , ,	6	ى فىر ت	teleo	hove
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA	L f.			
	(Chief Executive Officer or Legally Responsible Institutional official)	W			

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Glenn F. Pierce, Ph.D., M.D. V.P. Therapeutic Product Develop. itutional Official

APHIS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS 2016001-01

(ÁUG 91)

The following sites have been reported by the facility.

Registration Number:

93-R-0378

Customer Number:

1332

Facility:

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET

SAN DIEGO, CA 92121

(619) 625-0100

SELECTIVE GENETICS, INC. 11035 ROSELLE STREET SAN DIEGO, CA 92121



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0380 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SANTA CRUZ BIOTECHNOLOGY, INC. 2161 DELAWARE AVENUE SANTA CRUZ, CA 95060 (831) 457-3800 475

3, REPORTING FACILITY	(List all locations where animals were housed or used in	n actual research, testing, teaching,	or experimentation, or hel	ld for these purposes. A	ttach additional
sheets if necessary.)	·				

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of E. Number of animals upon which teaching, À. C. Number o Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, which teaching, Animals Covered bred teaching, research, conducted involving accompanying pain or distress TOTAL NO By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research. surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would accompanying pain or teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no experiments, surgery, or tests. (An explanation of and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs used must be attached to this report) 4. Dogs 5 Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12 Other Farm Animals 329 GOATS 13. Other Animals 11 DONKEYS 9 CATTLE ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures,
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate <u>veterinary care</u> and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Mr / yourds	Steven R. Tronick Director R&D.	11/6/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0380

Customer Number:

1344

Facility:

SANTA CRUZ BIOTECHNOLOGY, INC.

2161 DELAWARE AVENUE SANTA CRUZ, CA 95060

(831) 457-3800

SANTA CRUZ BIOTECHNOLOGY, INC. 5332 COAST ROAD # 1 SANTA CRUZ, CA 95060

DELETÉ

74655 CAMATTI-SHANDON RD SHANDON, CA 93461

- SAN JUAN RAMCH



LariAnteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 93-R-0381 1345

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pharmacology and Preclinical Development Department

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 TULARIK INC.

TWO CORPORATE DRIVE SOUTH SAN FRANCISCO, CA 94080 650-825-7300

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)
 FACILITY LOCATIONS (sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching. B. Number of C. Number of D. Number of animals upon experiments, research, surgery, or tests were animals being animals upon which experiments, which teaching, conducted involving accompanying pain or distress to the animals and for which the use of appropriate bred. teaching, research, TOTAL NO Animals Covered conditioned, or research. surgery, or tests were By the Animal OF ANIMALS anesthetic, analgesic, or tranquilizing drugs would held for use in experiments, or conducted involving Welfare Regulations accompanying pain or distress to the animals have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were conducted experiments. (Cols. C+ and for which appropriate experiments, surgery, or tests. (An explanation of research, or involving no D + E) the procedures producing pain or distress in these animals and the reasons such drugs were not used surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were purposes. relieving drugs must be attached to this report) 0 4. Doas a a 0 n 5. Cats 0 0 0 0 0 6. Guinea Pigs 0 n 0 0 0 7. Hamsters 0 0 258 0 258 8. Rapbits 0 0 0. 0 0 9. Non-Human Primates 0 0 0 0 0 10. Sheep 0 0 0 0 11. Pigs 0 0 0 0 0 12 Other Farm Animais ٥ 0 Ó 0 0 13. Other Animals 0 0 0 0 0

1)	Professionally acceptable standards governing the care	, treatment, and use of animals	, including appropriate use	of ar	nesth	etic,	analgesic, and trai	nquilizing drugs, pri	or ta, i	during.
	and following actual research, teaching, testing, surgery	, or experimentation were follow	ved by this research facility.		<u>ا</u> ۲	1	•		1.1	

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals:affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O OR INSTITUTIONAL OFFICIAL (Type or Print)

Martin J. Thoolen, PhD, Institutional Official Director, Preclinical Development and Project Management DATE SIGNED

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE 1. REGISTRATION NO. CUSTOMER NO. Laris FORM APPROVED ANIMAL AND PLANT HEALTH INSPECTION SERVICE 93-R-0382 1288 OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, **ANNUAL REPORT OF RESEARCH FACILITY** include Zip Code) PHOENIX PHARMACEUTICALS, INC. (TYPE OR PRINT) 2438 WYANDOTTE STREET MOUNTAIN VIEW, CA 94043 (650) 988-9220 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites) See Attached Listing

experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would in or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	EPORT OF ANIMALS USED BY Animals Covered By The Animal Welfare Regulations
Ø			4. Dogs
6			5. Cats
6			6. Guinea Pigs
Ø			7. Hamsters
<u> </u>			8. Rabbits
<u> </u>			9. Non-Human Primates
<u> </u>			10. Sheep
<u> </u>			11. Pigs
			12. Other Farm Animals
	· .		13. Other Animals
DU BEC 10 2001			
			ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, and the land that the care, treatment, and use of animals, including appropriate use of anesthetic, and the land that the care, treatment, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
6 Tan	Eng Tau, C.O.O.	12/6/01				

LariS Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0384 CUSTOMER NO. 1291

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

1 C R C COMPANY 950 DOLAN ROAD

CASTROVILLE, CA 95012 (831) 633-4263

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)
 FACILITY LOCATIONS(sites)

950 Dolan Road Castroville, CA 95012 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B, Number of C. Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, Animals Covered which teaching, bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS research, Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would conducted involving have adversely affected the procedures, results, or teaching, testing, tests were (Cols. C+ accompanying pain or experiments. D + E) conducted distress to the animals interpretation of the teaching, research, research, or involvina no and for which appropriate experiments, surgery, or tests, (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were purposes. relieving drugs used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 1350 1350 1350 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 15 15 וח ASSURANCE STATEMENTS

1)	Professionally acceptable standards governing the care, treatment, an	id use of animals,	including appropriate use of anes	thetic, analgesic,	and tranquilis	ing drugs,	pride (to.	during,
	Professionally acceptable standards governing the care, treatment, an and following actual research, teaching, testing, surgery, or experimen	itation were follow	ved by this research facility.	į ·	1 001	31	ZUUI	-

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL							
(Chief Executive Officer or Legally Responsible Institutional official)							
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Adriane Ticar	Adriane Ticar Owner	10-19-01					

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

perfile, 8 Nov01.

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information.

Laris

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0386

CUSTOMER NO. 1632

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PALCO LABS, INC. 8030 SOQUEL AVENUE SANTA CRUZ, CA 95062 (408) 476-3151

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	 (Altach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals			·		
Goats			2		2
13. Other Animals					
ASSURANCE STATEMENTS			ļi ;	and the same than the transfer of the same to the same	
			inimals, including appropriate use re followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs prior to,	during,

CE	ERTHICATION BY)HEADQU	ARTERS RESEARCE	H FACILITY OFFICE	AL	
	Chief Executive Officer or I			ıl)	
	I certify that the above is true,	correct, and complete (7 I	U.S.C. Section 2143)		
SIGNATURE OF C.E.O OR INSTITUTIONAL	LOFFICIAL NAME & 1	TITLE OF C.E.O. OR INS	TITUTIONAL OFFICIA	L (Type or Print)	DATE SIGNED
		,			1.7/6
	Paul	l D. Levin.	M.D., Pre	sident &	CEO 10/22/01

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and furniber of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary one and to oversee the adequacy of other

aspects of animal care and use.

The following sites have been reported by the facility.

Registration Number:

93-R-0386

Customer Number:

1632

Facility:

PALCO LABS, INC.

8030 SOQUEL AVENUE SANTA CRUZ, CA 95062

(408) 476-3151

PALCO LABS, INC. 340D EL PUEBLO DRIVE SCOTTS VALLEY, CA 95066

Research Site:

411 Laurel Street

Santa Cruz, CA 95060

Telephone: 831-427-2239

Animal Site:

400 Sims Road

Santa Cruz, CA 95060

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0387 CUSTOMER NO. 1687 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HOUSE EAR INSTITUTE 2100 W. THIRD STREET, 5TH FLR LOS ANGELES, CA 90057

sheets if necessary.)				,	
		F	ACILITY LOCATIONS(sites)		
HOUSE EAR INSTITUTE LOS ANGELES, CA 90057					
· · · · · · · · · · · · · · · · · · ·					
				ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or neld for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	21	89	17		106
7. Hamsters					
8. Rabbits			·		
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				·	
13. Other Animals					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
David J. Lim, M.D., EVP, Research David J. Lim, M.D.; EVP, Research					

ASSURANCE STATEMENTS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0389

CUSTOMER NO. 1707

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

QED BIOSCIENCES, INC. 11021 VIA FRONTERA, SUITE 203 SAN DIEGO, CA 92127 (619) 675-2405

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	Ø	63	Ø	Ø	63
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		-			
ASSURANCE STATEMENTS 1) Professionally acceptable st	l				

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Execu	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL utive Officer or Legally Responsible Institutional official) the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Olen Feletsky	Eileen Skaletsky, Ph.D. Presider	t 12.6.01

APHS FORM 7023 / (AUG 91)

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0389

Customer Number:

1707

Facility:

QED BIOSCIENCES, INC.

11021 VIA FRONTERA, SUITE 203

SAN DIEGO, CA 92127

(619) 675-2405

QED BIOSCIENCES, INC. 1649 GRIFFITH ROAD RAMONA, CA 92065



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0390 CUSTOMER NO. 1720 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 AMYLIN PHARMACEUTICALS

AMYLIN PHARMACEUTICALS 9373 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121

silects if flecessary.)					
		F	FACILITY LOCATIONS(sites)		
AMYLIN PHARMACEUTICAL SAN DIEGO, CA 92121	S				
REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	! (Attach additional sheets if nece:	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying, pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			24		24
9. Non-Human Primates	,				
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals	į				

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)					
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Andrew Young, MD	Andrew Young, MD	10/30/2001			

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

. REGISTRATION NO 93-R-0391

FORM APPROVED 13(15)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include ZIp Code)

AVIRON 297 North Bernardo Ave Mountain View, CA 94043 (650) 919-3720

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) 3.Number of E. Number of animals upon which teaching C. Number of D. Number of animals upon animals being animals upon experiments, research, surgery, or tests were which experiments which teaching, Animals Covered bred. conducted involving accompanying pain or distress teaching, research. conditioned, or to the animals and for which the use of appropriate By The Anima surgery, or tests were conducted involving research. TOTALNO held for use in experiments, or tests were Welfare Regulations anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS teaching, testing, have adversely affected the procedures, results, or accompanying pain or distress to the animals experiments. conducted interpretation of the teaching, research. research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate (Cols. C + D + E) surgery but not pain, distress, or the procedures producing pain or distress in those anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes must be attached to this report) relieving drugs. 4. Dogs 5. Cats 6. Guinea Pigs 260 260 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11., Pigs 12. Other Farm Animals 13 Other Animals Ferrets 1013 1013 105 160 265 Cotton Rats ASSURANCE STATEMENTS

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and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility	
the state of the s	

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulational investigator and approved by the Institutional Animal Care and Use Committee (IACUC), A summary of all such except ns Is addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the sp

4) The attending veterinarianfor this research facility has appropriate authority to ansure the provision of adequate veterinary care an animal care and use.

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	d tranq	uilizing	drugs	۶. ۶	prior to,	during
	0	CT	2)	200	

USDA APHISAREAC AC the SACRAMENTO, CA-cta

ed and explained by the

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

20

Richard Spaete, Ph.D. Director, Research

27*SEPO*l

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0396 CUSTOMER NO. 1750 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)
MIRAVANT PHARMACEUTICALS, INC.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

MIRAVANT PHARMACEUTICALS, INC 336 BOLLAY DR SANTA BARBARA, CA 93117

 REPORTING FACILITY (List a sheets if necessary.) 	il locations where animals	were housed or used in a	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach add	itional
		F	ACILITY LOCATIONS(sites)		
MIRAVANT PHARMACEUTIC SANTA BARBARA, CA 93117					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	 (Attach additional sheets if nece:	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					1
5. Cats					
6. Guinea Pigs			124		124
7. Hamsters					
8. Rabbits			373		373
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)					
		10/04/2001			

ASSURANCE STATEMENTS

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0398

CUSTOMER NO. 1761

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

COMPARATIVE BIOSCIENCES, INC. 2672 BAYSHORE PKWY, STE 515 MOUNTAIN VIEW, CA 94043 (650) 404-0940

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of E. Number of animals upon which teaching, A C. Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, Animals Covered which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in anesthetic analgesic, or tranquilizing drugs would experiments, or conducted involving have adversely affected the procedures, results, or teaching, testing, (Cols. C+ tests were accompanying pain or experiments. conducted interpretation of the teaching, research. D + E) distress to the animals experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic analgesic or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. must be attached to this report) relieving drugs 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 3 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm A imals 13. Other Animals ام دومه در استان می در استان این از این مستقدی اما دومه در استان این در این در استان این در

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. OCT 3 | 2001
- 2) Each principal investigator has considered atternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other? aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive	e Officer or Legally Responsible Institutional official)
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) / DATE SIGNED
$\left(\begin{array}{cccccccccccccccccccccccccccccccccccc$	1122 1 - 22 1
Caral Neschter	CAROL MESCHTER PrestCEO Gd-

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete Per File, 8 Nov 01.

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0398

Customer Number:

1761

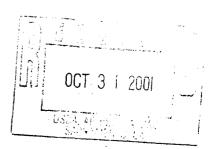
Facility:

COMPARATIVE BIOSCIENCES, INC. 2672 BAYSHORE PKWY, STE 515

MOUNTAIN VIEW, CA 94043

(650) 404-0940

COMPARATIVE BIOSCIENCES, INC. 2375 GARCIA AVE MOUNTAIN VIEW, CA 94043



Interagency Report Control No 0180-DOA-AN LariS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0401 CUSTOMER NO. 1768

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INTUITIVE SURGICAL 1340 W. MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043 (650) 237-7000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred which teaching, teaching, research, conducted involving accompanying pain or distress to the animals and for which the use of appropriate TOTAL NO. By The Animal conditioned, or research. surgery, or tests were OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ conducted experiments, distress to the animals interpretation of the teaching, research, D + E) and for which appropriate research, or involving no experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits 9 Non-Human Primates 10. Sheep 11. Pics 12. Other Farm Animals 13. Other Animals And hard USDA, APHIS, REAC SHUKKMENTO, CA ASSURANCE STATEMENTS

aspects	of animal care and use.		
	CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive O	officer or Legally Responsible Institutional official)	ļ
	I certify that the abo	ove is true, correct, and complete (7 U.S.C. Section 2143)	`
GIGNATURE	OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	\sim	Frederic H. Molh M.O. Mylical	11-13-01

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

²⁾ Each principal investigator has considered alternatives to painful procedures.

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal ligvestigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal rare and use

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0402 CUSTOMER NO. 1775

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIO-SCIENCE RESEARCH INSTITUTE, INC. 4813 CHEYENNE WAY CHINO, CA 91710 (909) 628-3007

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	······································
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		·			
8. Rabbits	None	None	None	None	0
9. Non-Human Primates		7 MB			
10. Sheep					
11. Pigs					
12. Other Farm Animals					No. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10
13. Other Animals					
					<u>ا نا</u> قال
ASSURANCE STATEMENTS				NOV 2 8 20	101

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesia, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be-specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	Tae W. Kang, Ph.D	11-26-0

APHIS FORM 7023 / (AUG 91)

(Replaces)VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

0344581

See attached form for additional information

E. Number of animals upon which teaching,

experiments, research, surgery or tests were

conducted involving accompanying pain or distress

to the animals and for which the use of appropriate

anesthetic, analgesic, or tranquilizing drugs would

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 93-R-0403

CUSTOMER NUMBER: 1778

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

C. Number of

animals upon

research,

which teaching,

experiments, or

(TYPE OR PRINT)

B. Number of

bred,

animals being

conditioned, or

held for use in

Α.

Animals Covered

By The Animal

Collateral Therapeutics, Inc. 11622 El Camino Real

Telephone:

(619)486-6107

F.

TOTAL NUMBER

OF ANIMALS

San Diego, CA 92130

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

D. Number of animals

experiments, teaching,

research, surgery, or

tests were conducted

upon which

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

FACILITY LOCATIONS (Sites) - See Atached Listing

Welfare Regulations	teaching, testing, experiments, research, or surgery but not y	tests were conducted involving no pain, distress, or use of pain- relieving drugs.	involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	arrestrietic, arrangesic, or tranquinzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	(COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
0. Sheep				·	
1. Pigs	0	0	. 63	. 0	63
2. Other Farm Animals				V	
			-		
3. Other Animals					
ASSURANCE STATEMENTS		<u>'</u>		[] [] [] [] [] [] [] [] [] []	
actual research, teachi 2) Each principal investig 3) This facility is adhering investigator and appro- IACUC-approved excel	ng, testing, surgery, or a pator has considered alte g to the standards and re oved by the institutional ptions, this summary inc	experimentation were follow ernatives to painful procedu egulations under the Act, al Animal Care and Use Comn cludes a brief explanation o	ved by this research facility. ures. Ind it has required that exceptions nittee (IACUC). A summary of all st f the exceptions, as well as the spr	te use of an estate, analgesic, and tranquilizing drugs, prior NOV 2 8 2001 to the standards and regulations be specified and explained uch exceptions is attached to this annual report. In addition the standards are as a standard and explained across and number of animals affected REAC, AC acquate veterinary care and to Overscotting allequacy of other a	by the principal o identifying the
			HEADQUARTERS RESEARC Officer or Legally Responsible		
SIGNATURE OF C.E.O. OR IN	ISTITUTIONAL OFFICIAL	C, 1/2.X	7	RINSTITUTIONAL OFFICIAL (Type or Print .ch, Ph.D., Chairman & CE	DATE SIGNED
APHIS FORM 7023 (Re (AUG 91)	eplaces VS FORM 18-23	(OCA 88), which is obsolete.			

The following sites have been reported by the facility.

Registration Number: 93-R-0403

Customer Number: 1778

Facility:

Collateral Therapeutics, Inc.

11025 Roselle Street San Diego, CA 92121

858-404-9337

Collateral Therapeutics, Inc. 11622 El Camino Real San Diego, CA 92130

Latifateragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0404 CUSTOMER NO. 1785

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MOLECULAR DIAGNOSTIC SERVICES, INC. 11545 SORRENTO VALLEY RD, #305 SAN DIEGO, CA 92121 (858) 259-0301

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Sorrento Valley Blud-Ste H-J CA 92121 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) A. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred, which teaching, conducted involving accompanying pain or distress TOTAL NO. teaching, research, to the animals and for which the use of appropriate By The Animal conditioned, or research, surgery, or tests were OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 232 6 Guinea Pigs 232 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 3 **ASSURANCE STATEMENTS** 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

aspects of animal care and use.		
CERTIFICATION B	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
I certify that the a	bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Mont	President, Holecular Diagnostic Services, Inc.	10-9-01

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
 The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

2) Each principal investigator has considered alternatives to painful procedures.

Laris Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0405

CUSTOMER NO. 1789

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

XENOGEN CORPORATION 860 ATLANTIC AVE ALAMEDA, CA 94501 (510) 291-6100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, leaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred, which teaching. teaching, research, By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or experiments, conducted interpretation of the teaching, research, D + E) distress to the animals research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving drugs. used. 4 **.** 0 4. Dogs Ð ے 5. Cats P 0 Guinea Pigs O 0 D Ð Hamsters 0 8. Rabbits 0 9 Non-Human Primates Θ 10. Sheep Ð Ð 11. Pigs Ð 12. Other Farm Animals 0 A D 13. Other Animals ASSURANCE STATEMENTS and Edunganizing Spring 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations to the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this influence by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this influence by addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFIC	JIAL
(Chief Executive Officer or Legally Responsible Institutional officit	at)
the state of the s	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Animal CARE Christine Safieddine

SUPERVISOR

Conf. or Off.

DATE SIGNED 20/01

matine So APHIS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

(AUG 91)

The following sites have been reported by the facility.

Registration Number:

93-R-0405

Customer Number:

1789

Facility:

XENOGEN CORPORATION

860 ATLANTIC AVE ALAMEDA, CA 94501 (510) 291-6100

XENOGEN CORPORATION 860 ATLANTIC AVE ALAMEDA, CA 94501



interagency Report Control No 0180-DOA-AN

· UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0406 CUSTOMER NO. 1794

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ADVANCED MEDICINE, INC. 901 GATEWAY BLVD SAN FRANCISCO, CA 94080 (650) 808-6027

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, anelgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
. Dogs				·	
. Cats					
. Guinea Pigs	211	476	4922		5398
. Hamsters		~ · · · · · · · · · · · · · · · · · · ·			
. Rabbits		- North-Hammark Inc.			
. Non-Human Primates		·			·
0. Sheep					<u> </u>
1. Pigs					
2. Other Farm Animals	11- 11- 11- 11- 11- 11- 11- 11- 11- 11-	4.4			
3. Other Animals					
·····					
				MON 9	
SSURANCE STATEMENTS		·		USUAL MEDIAL S S	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive C	/ HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
the remains	Pat Humphrey, SVP-Research	11/15/01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0406

Customer Number:

1794

Facility:

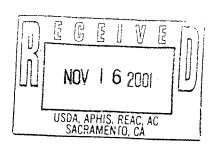
ADVANCED MEDICINE, INC.

901 GATEWAY BLVD

SAN FRANCISCO, CA 94080

(650) 808-6027

ADVANCED MEDICINE, INC. 901 GATEWAY BLVD SAN FRANCISCO, CA 94080



All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

additional information

LariSInteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

Samo

See Attached Listing

1. REGISTRATION NO. CUSTOMER NO. 93-R-0407 1797

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code)

PRO DUCT HEALTH, INC. 1360 WILLOW RD, STE 201 MENLO PARK, CA 94025

(650) 843-6770- 566-2830 335

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			15		15
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals			-		
				,	
13. Other Animals					
				MI NOV ARM IU	
				2010 40	
ASSURANCE STATEMENTS				USUA ALLERIA DA	

addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (T)

David Hung, MD; President & CEO

APHIS FORM 7023 (AUG 91)

^J(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Lariso180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0408 CUSTOMER NO. 1800

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SANSUM MEDICAL RESEARCH INST 2219 BATH STREET SANTA BARBARA, CA 93105 (805) 682-7640

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Kixting

2219 Bath Street, Santa Barbara CA 93105

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					. 0
5. Cats					0
6. Guinea Pigs					Ω
7. Hamsters					0
8. Rabbits					0
9. Non-Human Primates					0
10. Sheep		P. B. Cottle B. Cottle B. L. Cottle B. Co			0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
ASSURANCE STATEMENTS				USDA, APHIS, REAC, AC SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Lais huenvie	Lois Jovanovic, M.D., Director	7/24/2001

Lari Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0409 CUSTOMER NO. 1807

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GENTERIC, INC. 2061 CHALLENGER DRIVE ALAMEDA, CA 94501 (510) 522 3532

				(510) 522-3533	
 REPORTING FACILITY (List a sheets if necessary.) 	Ill locations where animals	were housed or used in	actual research, testing, teaching,	, or experimentation, or held for these purposes. Attach ac	ditional
		F	FACILITY LOCATIONS(sites)		
See Attached Listing					
	CONTROL CONTROL C	SE DECEMBELLE		ACUIO COCH 7002A)	
A.	B. Number of	OF RESEARCH FACILITY C. Number of	Y (Attach additional sheets if neces D. Number of animals upon	Essary or use APHIS FORM 7023A)	T F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthotic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0		0	
5. Cats	0	D	D	0	
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	0	31	0	31
8. Rabbits	0	0_	2	O	2
9. Non-Human Primates	0	0	(<u>)</u>	0	
10. Sheep	0	0	0	0	
11. Pigs	0	0	0	. 0	
12. Other Farm Animals	0		0	0	
13. Other Animals	0	0	0	0	
			- Land		
				ि ०० । ८ थ्या	
ASSURANCE STATEMENTS			1		.1
 and following actual research 2) Each principal investigator had 3) This facility is adhering to the principal investigator and apparent addition to identifying the IAC 	h, teaching, testing, surger, as considered alternatives e standards and regulation proved by the Institutional CUC-approved exceptions, or this research facility has	ry, or experimentation were to painful procedures. In sunder the Act, and it hat Animal Care and Use Core, this summary includes a	re followed by this research facility as required that exceptions to the sommittee (IACUC). A summary of a brief explanation of the exception	of anesthetic, analgesic, and tranquilizing drugs, prior to y. standards and regulations be specified and explained by the all the exceptions is attached to this annual report, in its, as well as the species and number of animals affected veterinary care and to oversee the adequacy of other	he
	(Chief E	Executive Officer of	QUARTERS RESEARCH or Legally Responsible I	Institutional official)	
SIGNATIONE OF C.E.O. OR IN			ue, correct, and complete (7 U	J.S.C. Section 2143) TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Bund 1	ed/hen		LAND SCOKE		10/11/01

C50.

The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0409 1807

Facility:

GENTERIC, INC.

2061 CHALLENGER DRIVE ALAMEDA, CA 94501 (510) 522-3533

GENTERIC, INC. 2061 CHALLENGER DRIVE ALAMEDA, CA 94501



Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT. HEALTH INSPECTION SERVICE - 0410

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA "Include Zip Code)

Cremona DR.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (SILES)

130-B

Cremona

A	8. Number of	C Number of	D. Number of animals upon.	CRESSITY OF USE APHIS FORM 7023A.) E. Number of unimals upon which reaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, appropriately or lesses (the anglocalism of the teaching).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					ļ
5. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates				Partelephone W.	
10. Sheep				Scott Hammond	100
11. Pigs	0	33	0	0 18 Dec 01 - 11	33
12. Other Farm Animals					
13. Other Animals					
				_	
ASSURANCE STATEMENTS		<u></u>		117 15 1E 15 11 W 12 12	<u></u>

_					AND THE RESERVE AND PROPERTY.
١.	Professionally acceptable standards governing the care	treatment and use of animals	s, including appropate use of ane	sthetic analgesic and tran-	duilizing drugs, prior to, during
	LIGHT STORISH ACCEDIOUS STRUCKING TO COLUMN THE COLUMN		The state of the s	W 1111	
	and following actual research, leaching, testing, surger	r, or experimentation were talk	owed by this research tacility.	1 🔩 (11:11

2). Each principal investigator has considered alternatives to painful procedures.

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Cure and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well be the species and number of animals affected.

4) The attending veterination for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and ASSAMATATION Consumption of the exceptions.

animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

Hamman

NAME & TITLE OF C.EO. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (QCT 88), which is obsolete)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0411 CUSTOMER NO. 1829

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Y J BIOPRODUCTS, INC. 11353 PYRITES WAY #14 RANCHO CORDOVA, CA 95670 (916) 853-9845

3. REPORTING FACILITY	(List all locations where animals v	vere housed or used in actual rese	arch, testing, teaching, or experir	mentation, or held for these purposes.	Attach additional
sheets if necessary.)					

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred, which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research. conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used relieving drugs. must be attached to this report) used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Harnsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS has been used in this fadillitiv animal $n \circ$ 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

APHIS FORM 7023 (AUG 91)

aspects of animal care and use.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

KENT CHU

DATE SIGNED

0/6/0

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0412 CUSTOMER NO. 1832

FORM APPROVED COMB NO. 0579-0036 Latis

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> AGBIO 1513 RIVER OAKS DRIVE MODESTO, CA 95356 (209) 727-3688

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon experiments, research, surgery or tests were which experiments. Animals Covered which teaching, bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or surgery, or tests were By The Animal research. to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in conducted involving experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these animals and the reasons such drugs were not used pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were purposes. relieving drugs must be attached to this report) 4. Dogs 5 Cats 6. Guinea Pigs 7. Hamsters 458 1,776 1,776 8. Rabbits 9 Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13 Other Animals 200 UL ASSURANCE STATEMENTS 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis is another and use of animals, including appropriate use of anesthetic, analysis is another animals and use of animals, including appropriate use of anesthetic, analysis is another animals and use of animals, including appropriate use of anesthetic, analysis is another animals.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
M. V. Mores	Nyet V. Yong-Partner	11-27-01

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0412

Customer Number:

1832

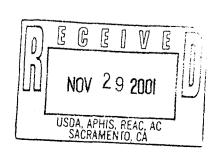
Facility:

AGBIO

1513 RIVER OAKS DRIVE MODESTO, CA 95356

(209) 727-3688

AGBIO 18401 NORTH ATKINS ROAD LODI, CA 95240



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0413

CUSTOMER NO. 1836

OMB NO. 0579-00365

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA **HUMBOLDT STATE UNIVERSITY**

ARCATA, CA 95521 (707) 826-3256

3. REPORTING FACILITY (List ail locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	. 0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0 ·	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
		1%			
13. Other Animals - Deer	0	2	0	0	2
Fishers	0	1	0	0	1
Kit Foxes	0	4	0	0	4
Red Foxes	0	5	0	O	5

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquit and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specifie principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to the addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the ac aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Steven A. Smith, Associate Dean

College of Natural Resources & Sciences

DATE SIGNED

1 0 2001

USDA, APHIS, REAC, AC SACRAMENIU, CA

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

rd explained by the annual report lib annuals affected.

The following sites have been reported by the facility.

Registration Number:

93-R-0413

Customer Number:

1836

Facility:

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA

HUMBOLDT STATE UNIVERSITY

ARCATA, CA 95521 (707) 826-3256

CALIFORNIA STATE UNIVERSITY HUMBOLT ARCATA HUMBOLDT STATE UNIVERSITY ARCATA, CA 95521

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0414 CUSTOMER NO. 1837 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CALIFORNIA STATE UNIVERSITY CHICO

1ST AND NORMAL STREETS
CHICO, CA 95929-0870

3. REPORTING FACILITY (List a sheets if necessary.)	all locations where animals	s were housed or used in	actual research, testing, teach	ning, or experimentation, or held for these purposes. Attach ad	ditional
		F	FACILITY LOCATIONS (sites)		
CALIFORNIA STATE UNIVE CHICO, CA 95929-0870	RSITY CHICO				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	OF RESEARCH FACILITY	(Attach additional sheets if n	necessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress; or use of pain-relieving drugs.	D. Number of animals upo which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropria anesthetic, analgesic, o tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs				·	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
5. Cats					

- ASSURANCE STATEMENTS

 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
 - 2) Each principal investigator has considered alternatives to painful procedures.

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151

170

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Jeff Wright Jeff Wright						

6. Guinea Pigs

9. Non-Human Primates

12. Other Farm Animals

Hamsters
 Rabbits

10. Sheep

11. Pigs

beef cattle

13. Other Animals

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0414

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CUSTOMER NO.

1837

CALIFORNIA STATE UNIVERSITY CHICO 1ST AND NORMAL STREETS CHICO, CA 95929-0870

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMAL: (Cois. C + D + E)
dairy cattle	111				
7.00					
					"
					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Jeff Wright	Jeff Wright	11/30/2001			

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

See attached form for additional information

1838

Laristeragency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 93-R-0415

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

California State University Fresno 5241 North Maple Avenue, Ms J

Telephone:

(209)278-2636

Fresno, CA 93740

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Α.	B. Number of	C. Number of	D. Number of animals	E. Number of animals upon which teaching,	F.
Animais Covered By The Animai Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
4. Dogs	,				
5. Cats			1		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	28	2			2 .
9. Non-human Primate					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
3. Other Animals	·				
Rats	14	14	224		238
Mice	60		23		23
				0CT 7 200 ⁵ /	
ASSURANCE STATEMENTS	3				

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

E.O, OR INSTITUTIONAL OFFICIAL SIGNATURE OF C

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

Benjamin F. Quillian

Vice President for Administration

Replaces VS FORM 18-23 (OCT 88), which is obsolete.

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0416

CUSTOMER NO. 1839 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY FULLERTON C/O OFFICE OF GRANTS & CONTRACTS, MH-112 P.O. BOX 6850 FULLERTON, CA 92834

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(siles)

CALIFORNIA STATE UNIVERSITY FULLERTON
FULLERTON, CA 92634

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching.	T E
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		i i			
3. Rabbits			4		4
9. Non-Human Primates					
10. Sheep					
11. Pigs		· · · · · · · · · · · · · · · · · · ·			
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Dr. Margaret Atwell	Associate Vice President Academic Affairs	11/15/2001			

Latis Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0417 CUSTOMER NO. 1840 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY (NAME DO.)

CALIFORNIA STATE UNIVERSITY (NAME DO.)

CALIFORNIA STATE UNIVERSITY (NAME DO.)

CALIFORNIA STATE UNIVERSITY HAYWARD SCHOOL OF SCIENCE HAYWARD, CA 94542 (510) 885-3441

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of Α, Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon which experiments, experiments, research, surgery or tests were which teaching, Animals Covered bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal surgery, or tests were conducted involving research. to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were have adversely affected the procedures, results, or (Cols. C+ accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these vet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) California State University, Hayward did not use 4. Dogs any species between october 1, 2000 through 5. Cats September 30, 2001 covered by the AWA used 6. Guinea Pigs 7 Hamsters research tests, experiments or for teaching. 8. Rabbits 9 Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13 Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and pumper of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other Asspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OB INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
	Michael Leung, Dean, School of Scien	ce 9-25-0					

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0418

CUSTOMER NO. 1841

FORM APPROVED S//2 OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY LONG BEACH 1250 BELLFLOWER BLVD LONG BEACH, CA 90840 (310) 985-4459

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

College of Natural Sciences and Mathematics

College of Liberal Arts

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying rain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					·
5. Cats					
6. Guinea Pigs					·
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ground Squirre	ls 77		12		12
				DECENTER.	7
				10,600000	
ASSURANCE STATEMENTS					
			inimals, including appropriate use e followed by this research facility		uring,
Each principal investigator had a literature to the second of the s					

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
James USreld	James R. Brett, PhD Director of University Research	11/27/0			

Larianteragency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0420

CUSTOMER NO. 1843 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY NORTHRIDGE 18111 NORDHOFF ST NORTHRIDGE, CA 91330 (818) 677-2901

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Α. B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred, which teaching, conducted involving accompanying pain or distress TOTAL NO. teaching, research, By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, (Cols. C+ tests were accompanying pain or distress to the animals have adversely affected the procedures, results, or experiments, interpretation of the teaching, research, conducted D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were relieving drugs. must be attached to this report) used. Dogs 5. Cats 13 13 13 6. Guinea Pigs 7. Hamsters 86 86 86 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 9/7 108 Frogs

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF CE.D. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Muck How w	Dr. Mack I. Johnson, Assoc. V.P. Grad. Prog. Research & International Programs	11/7/01				

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

The following sites have been reported by the facility.

Registration Number:

93-R-0420

Customer Number:

1843

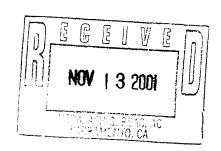
Facility:

CALIFORNIA STATE UNIVERSITY NORTHRIDGE

18111 NORDHOFF ST NORTHRIDGE, CA 91330

(818) 677-2901

CALIFORNIA STATE UNIVERSITY NORTHRIDGE 18111 NORDHOFF ST NORTHRIDGE, CA 91330



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0421 CUSTOMER NO. 1844

FORM APPROVED
OMB NO. 0579-0036 Laris

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE POLYTECHNIC UNIVERSITY 3801 WEST TEMPLE AVE. POMONA, CA 92768 (714) 869-3405

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use AF) IIS FORM 7023A) B. Number of E. Number of animals upon which teaching, Number of D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments Animals Covered which teaching, bred. teaching, research, conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal OF ANIMALS research. surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research, conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes relieving drugs. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits O 9 Non-Human Primates 10. Sheep 11 Pigs orses 13. Other Animals RAT W ASSURANCE STATEMENTS [] |] } Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility ng drags, 2) Each principal investigator has considered alternatives to painful procedures, 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards. principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is an approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is an approved by this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as NAC predicts and number of animals affected. 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) DATE SIGNED SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

Debra Brum

Associate Vice President, Faculty Affairs

PART 1 - HEADQUARTERS

11-27-01

The following sites have been reported by the facility.

Registration Number:

93-R-0421

Customer Number:

1844

Facility:

CALIFORNIA STATE POLYTECHNIC UNIVERSITY

3801 WEST TEMPLE AVE. POMONA, CA 92768 (714) 869-3405

CALIF STATE POLYTECHNIC UNIV 3801 WEST TEMPLE AVE. POMONA, CA 92768

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0422

CUSTOMER NO. 1845

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Cade)

CALIFORNIA STATE UNIVERSITY SONOMA 1801 EAST COTATI AVE ROHNERT PARK, CA 94928 (707) 664-2370

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	OF RESEARCH FACILITY	(Attach additional sheets if nece	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		_	_		
5. Cats	_				_
6. Guinea Pigs		_	-		_
7. Hamsters		_			
a. Rabbits	0	0	O	0	0
5. Non-Human Primates				The second secon	_
10. Sheep		<u> </u>	-	<u> </u>	_
11. Pigs	_	_	_		-
12. Other Farm Animals			_		
13. Other Animals	_				
				Inil and Parameter	
-				70 MOA 5 2 2001 FT	3
ASSURANCE STATEMENTS				and the state of t	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic? and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARC	H FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible	Institutional official)
I certify that the above is true, correct, and complete (7)	

SIGNATURE OF C.E,OOOR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

D.E. Mocken, CHAIR IACUC

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

(AUG 91)

The following sites have been reported by the facility.

Registration Number:

93-R-0422

Customer Number:

1845

Facility:

CALIFORNIA STATE UNIVERSITY SONOMA

1801 EAST COTATI AVE ROHNERT PARK, CA 94928

(707) 664-2370

CALIFORNIA STATE UNIVERSITY SONOMA 1801 EAST COTATI AVE ROHNERT PARK, CA 94928



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0423 CUSTOMER NO. 8237

FORM APPROVED OMB NO. 0579-0036

(a)/5

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 CALIFORNIA STATE UNIVERSITY SACRAMENTO

CALIFORNIA STATE UNIVERSITY SACRAMENTO 6000 J STREET SACRAMENTO, CA 95819

(916) 278-7381

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

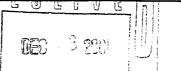
See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which apprepriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					·
5. Cats					
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals	·				
Rats	30	. 70	43	-0-	113

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

l	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
1	e Officer or Legally Responsible Institutional official) eabove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
men	Ric Brown, Associate Vice President for Academic Affairs For Charge	11/30/01
APHIS FORM 7023 (Penlaces VS FORM 18 22 (Oct 88)	which is about 111) 5 9 5 1 1/1 15 10 1 PART 4	HEADOUADTERS

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0424

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACULTY LOCATIONS (sites)

CUSTOMER NO. 1846

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO 5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407 (909) 880-5058

See Attached Listing				A MARINE CONTRACTOR OF THE CON	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
coyotes	3				
ASSURANCE STATEMENTS					• :

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of annital scale and ass.	The state of the s	
CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	Officer or Legally Responsible Institutional official)	
I certify that the at	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
for If- I	Icus Fernander Provos	16-5-1

APHIS FORM 7023

Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0424

Customer Number:

1846

Facility:

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO

5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407

(909) 880-5058

CALIFORNIA STATE UNIVERSITY SAN BERNARDINO 5500 UNIVERSITY PARKWAY SAN BERNARDINO, CA 92407



Interagency Report Control No. Laris 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0425

CUSTOMER NO. 1847

FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN DIEGO 5500 CAMPANILE DRIVE SAN DIEGO, CA 92182 (619) 594-5213

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred. which teaching. teaching, research, By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, interpretation of the teaching, research, conducted distress to the animals D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. must be attached to this report) relieving drugs. used. 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 2 8 Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

1)	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ane				to, during,
	and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	(1 - 1	JUUI.	+
	The second secon	Wood Ward	101	ZUUI 🗀	į

	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official)	
	ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CE.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print) James W. Cobble, Vice President for Resear	
Cames V. Coloce	and Dean of the Graduate Division	10-01-01

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

⁴⁾ The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

The following sites have been reported by the facility.

Registration Number:

93-R-0425

Customer Number:

1847

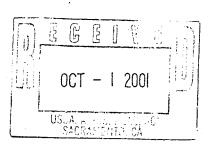
Facility:

CALIFORNIA STATE UNIVERSITY SAN DIEGO

5500 CAMPANILE DRIVE SAN DIEGO, CA 92182

(619) 594-5213

CALIFORNIA STATE UNIVERSITY SAN DIEGO 5500 CAMPANILE DRIVE SAN DIEGO, CA 92182



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0426

CUSTOMER NO. 1848

FORM APPROVED COMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) CALIFORNIA STATE UNIVERSITY SAN FRANCISCO

SAN FRANCISCO STATE UNIVERSITY SAN FRANCISCO, CA 94132

(415) 338-2231 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

Hensill REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) Number of Α. B. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were TOTAL NO. Animals Covered bred. conducted involving accompanying pain or distress which teaching, teaching, research, conditioned, or OF ANIMALS By The Animal to the animals and for which the use of appropriate research, surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or distress to the animals interpretation of the teaching, research, experiments, D + E) conducted experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic analgesic or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report). 4. Dogs 5. Cats Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11, Pigs 12. Other Farm Animals

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL		DATE SIGNED
The Later Later	Paul J. Fonteyn, Associate Vice President	2001

(AUG 91)

13, Other Animals

nangaroo rats

ASSURANCE STATEMENTS

APHIS FORM 7023 (Replaces VS FORM 18-23 (Dct 88), which is obsolete

PART 1 - HEADQUARTERS

4

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0427

CUSTOMER NO. 1849

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CALIFORNIA STATE UNIVERSITY SAN JOSE ONE WASHINGTON SQUARE SAN JOSE, CA 95192 (408) 924-2480

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

		•			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			-		
5. Cats					
6. Guinea Pigs					
7. Hamsters		· · · · · · · · · · · · · · · · · · ·			
3. Rabbits	1	0	14	0	15
9. Non-riuman Primates					
10. Sheep					
11. Pigs					,
12. Other Farm Animals					
13. Other Animals					
Sea lions			4		4
(Zalophus cali	fornianus)				
				TEGELVE	_111
ASSURANCE STATEMENTS				및I	1/11/14

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgasic; and tranquilizing degs, provide, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report Ab addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and 16 oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
N. Jul	Dr. Nabil Ibrahim, AVP Graduate Studies	11/21/01				

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0427

Customer Number:

1849

Facility:

CALIFORNIA STATE UNIVERSITY SAN JOSE

ONE WASHINGTON SQUARE

SAN JOSE, CA 95192

(408) 924-2480

CALIFORNIA STATE UNIVERSITY SAN JOSE ONE WASHINGTON SQUARE SAN JOSE, CA 95192

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0430

CUSTOMER NO. 8817

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

21ST CENTURY MEDICINE, INC. 10844 EDISON COURT PANCHO CUCAMONICA CA 01730

				(909) 466-8633	
 REPORTING FACILITY (List sheets if necessary.) 	all locations where animals	were housed or used in	actual research, testing, teaching,	or experimentation, or held for these purposes. Attach add	titional
		F	FACILITY LOCATIONS (sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal	B. Number of animals being bred, conditioned, or	C. Number of animals upon which teaching, research,	D. Number of animals upon which experiments, teaching, research, surgery, or tests were	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or disfress to the animals and for which the use of appropriate	F. TOTAL NO. OF ANIMALS
Welfare Regulations	held for use in teaching, testing, experiments, research, or	experiments, or tests were conducted involving no	conducted involving accompanying pain or distress to the animals and for which appropriate	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	(Cols. C + D + E)
	surgery but not yet used for such purposes.	pain, distress, or use of pain- relieving drugs.	anesthetic, analgesic, or tranquilizing drugs were used.	the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs	8	Ø	Ø	\emptyset	Ø
5. Cats	Ø	Ø	\mathcal{D}	, Q	Ø
6. Guinea Pigs	Ø	Ø	Ø	Ø .	Ø
7. Hamsters	Ø	Ø	Ø		Ø
8. Rabbits	-0-	Ø	237	Ø	237
9. Non-Human Primates	Ø	Ø	Ø	Ø	Ø
10. Sheep	Ø	0	0	Ø	Ø
11. Pigs	Ø	υ Ø	Ø	Ø	\varnothing
12. Other Farm Animals	Ø	ϕ	Ø	Ö	Ø
13. Other Animals	Ø	φ	Ø	g	Ø
	-				
			****	133344	
ACCUPANCE STATEMENTS	<u> </u>				
ASSURANCE STATEMENTS 1) Professionally acceptable s	tandards governing the same	treatment and use =f =	poimals including appropriate	of anesthetic, analgesic, and tranquilizing drugs, prior to,	
and following actual researc	ch, teaching, testing, surger	y, or experimentation we	animals, including appropriate use re followed by this research facility		dunng,
 This facility is adhering to the principal investigator and ap 	2) Each principal investigator has considered alternatives to painful procedures. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.				
	or this research facility has			reterinary care and to oversee the adequacy of other	ا لديدري
· · · · · · · · · · · · · · · · · · ·			QUARTERS RESEARCH or Legally Responsible I		
	l certi	ify that the above is tru	ue, correct, and complete (7 t	J.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR U	NSTITUTIONAL OFFICE	AL NAME	& TITLE OF C.E.O. OR INST	TITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

JOHN DRAW BARRY, CEO. 10-30-01

is obsolete PART 1 - HEADQUARTERS

Jun Nu, MD,

Lo-30-(

Chief Surgeon.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0432

CUSTOMER NO. 9191 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 UNIVERSITY OF CALIFORNIA, BERKELEY

UNIVERSITY OF CALIFORNIA, BERKELE' 119 CALIFORNIA HALL BERKELEY, CA 94720-1500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

THE UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY, CA 94720-1500

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMAL'S (Cols. C + D + E)
4. Dogs					
5. Cats	2		23		23
6. Guìnea Pigs			4		4
7. Hamsters	56	178	843		1021
8. Rabbits	13	181	68		249
9. Non-Human Primates			6		6
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Squirrels	12	106	56		162
Тисо Тисо		25			25
Voles	1	6	4		10

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Quig Driver for Beth Burnside	Beth Burnside, Vice Chancellor for Research	11/13/2001				
1	· ·	i				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0432 CUSTOMER NO. 9191

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, BERKELEY 119 CALIFORNIA HALL BERKELEY, CA 94720-1500

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Weifare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs,	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
Wild, Mouse	74	165	85		250
Wild, Rats		329			329
Wood Rats		4	178		182
California Pocket Mice		41			41
Chipmunks	2	2	4		6
Cayates		13			13
Gerbils	3	70			70
Gophers	12	37			37
Hedgehogs		14			14
Hyenas			43		43
Hyraxs	12		26		26
Kangaroo Rats	1	72	6		78
Red Foxes		3			3

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Quig Driver for Beth Burnside Beth Burnside, Vice Chancellor for Research					

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

93-R-0432

Customer Number:

9191

Facility:

UNIVERSITY OF CALIFORNIA, BERKELEY

119 CALIFORNIA HALL BERKELEY, CA 94720-1500

Field Station for Behavioral Research Life Sciences Addition Minor Hall Northwest Animal Facility Stanley Hall Valley Life Sciences Building

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0433 CUSTOMER NO. 9192 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, DAVIS ONE SHIELDS AVE DAVIS, CA 95616

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)
FACULTY LOCATION OF THE PROPERTY OF THE PROPER

THE UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CA 95616

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	17	58	301		359
5. Cats		169	109		278
6. Guinea Pigs		6	139		145
7. Hamsters		4	52		56
8. Rabbits		105	698		803
9. Non-Human Primates		2200	2461		4661
10. Sheep		1597	391		1938
11. Pigs		726	296		1022
12. Other Farm Animals					
13. Other Animals					
sea lion			100		100
squirrel		33	.123		156
vole			200	1	200

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Janet C. Hamilton, Vice Chancellor - Administration					

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0433

include Zip Code)

CUSTOMER NO. 9192

DAVIS, CA 95616

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

UNIVERSITY OF CALIFORNIA, DAVIS

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being which experiments experiments, research, surgery or tests were animals upon bred, TOTAL NO. Animals Covered which teaching, teaching, research, conducted involving accompanying pain or distress conditioned or By The Animal research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in Welfare Regulations experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, accompanying pain or have adversely affected the procedures, results, or tests were (Cols. C + experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were nurposes relieving drugs. used must be attached to this report) water buffalo 32 32 20 20 bear deer 27 43 70 150 150 degu 2 8 10 elephant 5 205 ferret 210 125 172 297 gerbil marmot 3 3 wild mice 147 147 3 3 mountain lion 65 65 opossum

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Janet C. Hamilton	Janet C. Hamilton, Vice Chancellor - Administration	11/30/2001

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0434 CUSTOMER NO. 9193

FORM APPROVED MAIS

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 Name Code

UNIVERSITY OF CALIFORNIA, IRVINE 155 ADMINISTRATION BUILDING IRVINE, CA 92697 (949) 824-5085

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		12			12
5. Cats			117		117
6. Guinea Pigs		84	3		87
7. Hamsters		262			262
8. Rabbits		47	235		282
9. Non-Human Primates					
10. Sheep					
11. Pigs			34		34
12. Other Farm Animals			i		
Chicken		281			281
13 Other Animals					
Amphibian		971	111		1082
Gerbil			190	NOV 2.33 2001	190
Goat			2	Z. ZUUI	2

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive (/ HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) Dove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) William H. Parker Vice Chancellor for Research	11/20/01

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0434 CUSTOMER NO. 9193

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, IRVINE 155 ADMINISTRATION BUILDING IRVINE, CA 92697 (949) 824-5085

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	Y (Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Peromyscus sp.			43		43
Snake			12		12
Turtle			30		30
				7-2-3	
gradient of the second of the					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) (Chief Executive Officer or Legally Responsible Institutional official) (Chief Executive Officer or Legally Responsible Institutional official)					
SIGNATURE OF F.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Williams	William H. Parker Vice Chancellor for Research	11/20/01			

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Ulum delos, Head, AC Signaturo, DA

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0436

include Zip Code)

CUSTOMER NO. 9195

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED
OMB NO. 0579-0036, 3(15)

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

10/1/00 - 9/30/01

UNIVERSITY OF CALIFORNIA, RIVERSIDE OFFICE OF RESEARCH AFFAIRS 200 UNIVERSITY OFFICE BUILDING RIVERSIDE, CA 92521 (909) 787-5535

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, grexperimentation, or held for these purposes, Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					·
5. Cats	3	38			38
6. Guinea Pigs	-				
7. Hamsters	52		198		198
8. Rabbits		10	7		23
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Squirrels		32			22
13. Other Animals					
Peromyseus	240	104	143		247
Desert Rodents		13			13
Bats	19		4		8
ASSURANCE STATEMENTS	302	139	121	1141	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of sheshetic, analgesic and tranquilizing drugs prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the specific and explained by the

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) ! certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Dr. Richard A. Luben Interim Vice-Chancellor, Research Affairs	DATE SIGNED 11/26/01			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

1. REGISTRATION NO. 93-R-0438

CUSTOMER NO. 9197

FORM APPROVED

lario OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> UNIVERSITY OF CALIFORNIA, SANTA BARBARA OFFICE OF RESEARCH SANTA BARBARA, CA 93106

(805) 893-3807 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were which teaching, Animals Covered bred teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animat conditioned, or OF ANIMALS research. surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would conducted involving have adversely affected the procedures, results, or teaching, testing, tests were (Cois. C+ accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs must be attached to this report) 4. Dogs 20 5. Cats 25 6. Guinea Pigs 7. Hamsters 22 22 2 8. Rabbits 9. Non-Human Primates 10. Sheep 6 11. Pigs 12. Other Farm Animals 229 13. Other Animals 36 Ferrets 31 31

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.

ASSURANCE STATEMENTS

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care	and use.				
	(Chief Executive	HEADQUARTERS RESEA officer or Legally Respons ove is true, correct, and complet			
SIGNATURE OF C.E.O. C	R INSTITUTIONAL OFFICIAL	Franco A. Cordo	RINSTITUTIONAL OFFICIAL (1)	Type or Print) or for Researc	DATE SIGNED //-27-0/
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (Oct 88), w		29 200	PART 1 - HE	ADQUARTERS

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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0438 CUSTOMER NO. 9197

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, SANTA BARBARA OFFICE OF RESEARCH SANTA BARBARA, CA 93106 (805) 893-3807

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Ground Squirrel Gophers Dormice Degus		Dit .	19		8319
Gophers		147			147
Dormice	10			·	
Degus	8				
J					
					-
					-
					· · · ·
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of animal care ar	nd use.		
		BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
		e Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR	INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	·	Laglador	11-27-01
APHIS FORM 7023A (AUG 91)	(Replaces VS FORM 18-23 (Oct 88	NOV 2 9 2001	T 1 - HEADQUARTERS

USDA, APERS, PEAC, AC SACRAMENTO CA

The following sites have been reported by the facility.

Registration Number:

93-R-0438

Customer Number:

9197

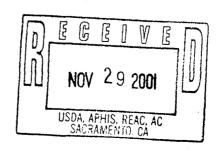
Facility:

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

OFFICE OF RESEARCH SANTA BARBARA, CA 93106

(805) 893-3807

THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA OFFICE OF RESEARCH SANTA BARBARA, CA 93106



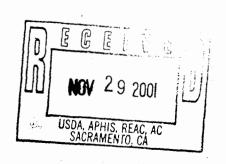
Animal Resource Center- Central Vivarium Biological Sciences Bldg #571 Room 6183, UCSB Main Campus

Vivarium Psychology Bldg Room 3607, UCSB Main Campus

Sierra Nevada Aquatic Research Laboratory (SNARL) Mammoth Lakes, CA

Sedgewick Reserve Santa Ynez, CA

Santa Cruz Island Reserve Santa Cruz Island, CA



Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0439 CUSTOMER NO. 9198 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF CALIFORNIA, SANTA CRUZ 1156 HIGH STREET SANTA CRUZ, CA 95064

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

THE UNIVERSITY OF CALIFORNIA, SANTA CRUZ
SANTA CRUZ, CA 95064

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching.	F.
Animals Covered By The Animal Weifare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO. OF ANIMALS (Cols. C+
	purposes.	relieving drugs.	used.	must be attached to this report)	<u> </u>
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	14		2		2
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					·
cetaceans		2			2
pinnipeds		7	8		15
cetaceans		2			2

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)				
David S. Kliger	David S. Kliger, Dean, Division of Natural Sciences	10/25/2001		

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0439 CUSTOMER NO. 9198

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code)
UNIVERSITY OF CALIFORNIA, SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRU 1156 HIGH STREET SANTA CRUZ, CA 95064

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
pinnipeds		7	8		15
					· · · · · · · · · · · · · · · · · · ·

			`		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
David S. Kliger	David S. Kliger, Dean, Division of Natural Sciences	10/25/2001			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 93-R-0441

CUSTOMER NO. 9200

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code)

UNIVERSITY OF CALIFORNIA WHITE MOUNTAIN RESEARCH -9500 GILMAN DRIVE LA JOLLA, CA 92093 (619) 822-0165

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing					
Write Mt. k	Zesearch St	ation, O	wens Valley	laboratory + Rama Ff+	Laborator
2000 Elin	ne St. Ris	Show (A	G2 [] 1	laboratory + Barcieft	<u></u>
		<i>(</i> ,	1331/		
REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number.of- animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
1. Dogs	6				6
5. Cats					
. Guinea Pigs			24		24
. Hamsters	•				
Rabbits					
Non-Human Primates					
D. Sheep	88				88
1. Pigs					
2. Other Farm Animals			,		
3. Other Animals					
				NOV 2 6 2007	
ASSURANCE STATEMENTS				2001	
JULY STATE OF A CEMENT OF					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
frank Powell fr	Frank L, Powell	15Nov07			

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

The following sites have been reported by the facility.

Registration Number:

93-R-0441

Customer Number:

9200

Facility:

UNIVERSITY OF CALIFORNIA WHITE MOUNTAIN RESEARCH -

9500 GILMAN DRIVE LA JOLLA, CA 92093 (619) 822-0165

UNIVERSITY OF CALIFORNIA-WMRS 3000 EAST LINE STREET BISHOP, CA 93514

NOV 2 6 2001

USDA, APTIIS, REAC, AC SACRAMIENTO, CA

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

CUSTOMER NO 9336

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

93-R-0442

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> CORTEX PHARMACEUTICALS, INC. 15241 BARRANCA PARKWAY **IRVINE, CA 92618** (949) 727-3157

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

15241 Barranca Parkway Irvine CA 92618

			<u> </u>		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs				·	
5. Cats					
6. Guinea Pigs					
7. Hamsters		-			
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
			·	-	
13. Other Animals					
Mongolian Gerbil	3	231			
, J					
				Help NOV 1 9 2001 (二)	
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic and leaving and ready lizing drugs, pripr to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. SACRAMENTO, CA
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION B	Y HEADQUARTERS RESEARCH FAC	CILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Instit	utional official)	
	bove is true, correct, and complete (7 U.S.C.		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUT	IONAL OFFICIAL (Type or Print)	DATE SIGNED
Must Sun.	Vincent F	Simmon	Nov 9, 0,
ADULE FORM TOOK			

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

President; CEO

Interagency Report Confed No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 566

include Zip Code)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

BIOSITE DIAGNOSTICS, INC. 11030 ROSELLE ST.

92121 SAN DIEGO, CA

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these, purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VIVARIUM - DISCOVERY BUILDING

11065 ROSELLE ST., SAN DIEGO, CA 92121

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		Ø			ø
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				19 2001 U	

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic. Suggested and bacquilizing drups: prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facilities

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions; this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

GUNARS VALKIRS VICE PRESIDENT R & D, CTO, INSTITUTIONAL OFFICIAL

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO. 93-R-0444

CUSTOMER NO. 10138

FORM APPROVED FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PERRY SCIENTIFIC 7999 VICKERS ST SAN DIEGO, CA 92111 (909) 699-6339

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) D. Number of animals upon B. Number of C. Number of E. Number of animals upon which teaching, animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered bred. which teaching, conducted involving accompanying pain or distress TOTAL NO. teaching, research. By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research, surgery, or tests were Welfare Regulations held for use in experiments, of conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or D + E) experiments, conducted distress to the animals interpretation of the teaching, research, research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such tranquilizing drugs were animals and the reasons such drugs were not used use of painpurposes. relieving drugs must be attached to this report) 4. Dogs 0 5. Cats 30 6. Guinea Pigs 7. Hamsters 204 8. Rabbits 0 9. Non-Human Primates 10. Sheep 66 11. Pigs 0 12. Other Farm Animals 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected,
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	1
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
1 hotes / buy	ANDREW PERRY PRESIDENT	11/29/2001
APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 88) wh	ich is absolete n	FADOLIARTERS

(AUG 91)

ASSURANCE STATEMENTS

The following sites have been reported by the facility.

Registration Number:

93-R-0444

Customer Number:

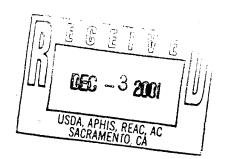
10138 PERRY SCIENTIFIC

Facility:

7999 VICKERS ST SAN DIEGO, CA 92111

(909) 699-6339

PERRY SCIENTIFIC, INC. 7999 VICKERS ST SAN DIEGO, CA 92111



All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

\3(1/S Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0445 CUSTOMER NO. 8670

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

EPICYTE PHARMACEUTICAL, INC. 5810 NANCY RIDGE DRIVE, STE 150 SAN DIEGO, CA 92121 (858) 554-0281

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysisc, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	Ð				Ð
5. Cats	B				Ò
6. Guinea Pigs	Ð				.0
7. Hamsters	Ø	`		·	Ð
8. Rabbits	8				Ð
9. Non-Human Primates	Ø				Ð
10. Sheep	Ø				8
11. Pigs	D	,			D
12. Other Farm Animals	Ø				Ø
13. Other Animals	Ð		<u></u>	3 W B	8
			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;		
				DEC 4 2001 U	
			Í		
ASSURANCE STATEMENTS				USDA, APHIS. REAC, AC	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic analgesic) and Annquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive C	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE/OFIC.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) OM BEHALK OF CHRISTOPHER CLEMENT, CEO.	12/11/01

APHIS FORM 7023 (AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0446 CUSTOMER NO. 10329

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

ABOVE

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

C V THERAPEUTICS 3172 PORTER DRIVE PALO ALTO, CA 94304 (650) 812-0585

See Attached Listing					
	OR UNIOSE CONTROL O	E DECEMBER STORY	1	10/40 CODY 7004)	
	B. Number of		· · · · · · · · · · · · · · · · · · ·	essary or use APHIS FORM 7023A)	1 =
A. Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-retieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs			610		610
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				NOV 9 2501 10	
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			·	1000	
ASSURANCE STATEMENTS					
			inimals, including appropriate use re followed by this research facility	$oldsymbol{o}$ of anesthetic, analgesic, and tranquilizing drugs, prior to, $oldsymbol{o}$	during,
2) Each principal investigator ha	as considered alternatives	to painful procedures.			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
La L	Louis G. Lange	11-16

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0448 CUSTOMER NO. 8647 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 LYCHRON, LLC
 COMMANDETTE

LYCHRON, LLC 2569 WYANDOTTE MOUNTAIN VIEW, CA 94043

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

MOUNTAIN VIEW, CA 94043

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cois. C + D + E)
4. Dogs			30		30
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			56		56
9. Non-Human Primates					
10. Sheep			97		97
11. Pigs			458		458
12. Other Farm Animals					
Calves			7		7
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Adam Seiver MD	Adam Seiver MD CEO	10/24/2001			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0449 CUSTOMER NO. 11593

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

AVANIR PHARMACEUTICALS 11388 SORRENTO VALLEY ROAD, STE 200 SAN DIEGO, CA 92121

	(858) 622-5227
3. REPORTING FACILITY (List all locations where animals were housed or used in actual resear	rch, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	
FACILITY LC	CATIONS(sites)
See Attached Listing	

A.	Number of animals being	C. Number of animals upon	D. Number of animals upon	ssary or use APHIS FORM 7023A) E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	bried, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animais upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs v ould have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0 .	0	73	0	73
7. Hamsters				-	
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				·	
****				16 10 16 11 15	
ASSURANCE STATEMENTS) [[] U S_	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and rangularing drugs prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION B	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	Officer or Legally Responsible Institutional official)	
I certify that the a	bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Gregory Hanson, Vice Presidentof	DATE SIGNED
Som Pisan	Finance and CFO	11/20/01
ADUIS KODM 7022		L

APHIS FOR 1/1/023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

. The following sites have been reported by the facility.

Registration Number: Customer Number:

93-R-0449 11593

Facility:

AVANIR PHARMACEUTICALS

11388 SORRENTO VALLEY ROAD, STE 200

SAN DIEGO, CA 92121

(858) 622-5227

11388 SORRENTO VALLEY ROAD, STE 200 SAN DIEGO, CA 92121

Attachment to APHIS Form 7023

Registration Number:

93-R-0449

Customer Number:

11593

Facility:

Avanir Pharmaceuticals

11388 Sorrento Valley Road, Suite 200

San Diego, CA 92121

(858) 622-5227

The number reported on Line 6 (Guinea Pigs), columns B, D and F does not reflect the total number of guinea pigs received by Avanir. In addition, there were five (5) guinea pigs that were either dead on arrival or died within two days of being received. Reports were made of these incidents to both the USDA and the vendor, Charles River Laboratories.

The total number of animals that actually came through the Avanir facility was 78.

L3/15 Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0452 CUSTOMER NO. 13449

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

NOWE (SEE ATTACHED)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SERVICES, M. J 4 LEXINGTON WAY TRABUCO CANYON, CA 92679 (949) 858-1707

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered which teaching, TOTAL NO. conducted involving accompanying pain or distress teaching, research, By The Animal conditioned, or OF ANIMALS research, to the animals and for which the use of appropriate surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, (Cols. C + tests were accompanying pain or have adversely affected the procedures, results, or experiments, conducted interpretation of the teaching, research, D + E) distress to the animals involving no research, or and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 3. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS 1141 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to	44.3
	this annual report. In
addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number	per of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of affilial care and use.						
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)	į				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Milip Jackson	PHILIP JACKSON OWNER	10/24/01				

2) Each principal investigator has considered alternatives to painful procedures.

Arjinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0453

CUSTOMER NO. 12957

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NEREUS PHARMACEUTICALS 9393 TOWNE CENTER DR., STE 210 SAN DIEGO, CA 92121 (858) 587-4090

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Nereus Pharmaceuticals, Inc.

9393 Towne Centre Drive Suite 110 San Diego, CA 92171

REPORT OF ANIMALS USED BY		F RESEARCH FACILITY	' (Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	00	. 0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0 .
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS			į į į	NOV - 1 2001	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic-analgesic and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
	Kobi M. Sethna	1 1 .				
Koling ettine	President, CEO and Institutional Office	c. 10/3/01				

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip Code) Bionike, Inc. 1015 Grandview Dr. So. San Francisco, CA 94080

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Siles)

Bionike, Inc. 1015 Grandview Dr.

Α.	B. Number of	C Number of	1	cessary or use APHIS FORM 7023A.) E. Number of animals upon which teaching.	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this report).	
4. Dogs					
5. Cats					
6. Guinea Pigs	%	Ø	2	Ø	2_
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
mice	30		45	Ø	45
				7 5 7 1 37 6 7	

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing thugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2). Each principal investigator has considered alternatives to painful procedures.

3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
•	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & JITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

L3/\Sinteragency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0455 CUSTOMER NO. 14459

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VACCINE RESEARCH INSTITUTE OF SAN DIEGO 3030 SCIENCE PARK ROAD, STE 100 SAN DIEGO, CA 92121

	(858) 587-9505
 REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.) 	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	ATIONS(sites)

Α.	8. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs			-		
5. Cats		24			24
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals			WIND 1		
				<u></u>	7 6 6

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Tom Phillips, D.V.M., Ph.D., Vice-Pre	DATE SIGNED 5.9/27/01			

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 93-R-0456

CUSTOMER NO. 11108

FORM APPROVED Latis

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VICAL, INC. 9373 TOWNE CENTRE DRIVE, STE 100 SAN DIEGO, CA 92121

(858) 646-1247

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

9373 Towne Centre Drive, Suite 100

San Diego, CA 92121

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	O. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			12		12
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
12 Other Animale		Tata kanada atau kumanna open a			
		· · · · · · · · · · · · · · · · · · ·			
ASSURANCE STATEMENTS	<u></u>				

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research (acility. NOV 2 7 2001

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explatined by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual moort, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) JON Norman (I.O.)		Y HEADQUARTERS RESEARCH FACILITY OFFICIAL					
Jon Norman (I.O.)	(Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
Vice-President Research							
	fon Norm	Vice-President Research	11-21-01				

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 93-R-0457 CUSTOMER NO. 14659

SACKAMENIU, U

FORM APPROVED COMB NO. 0579-0036\(\begin{array}{c} 37\\ 5 \end{array}

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT 595 HELMAN LANE COTATI, CA 94931 (707) 285-2200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being experiments, research, surgery or tests were animals upon which experiments, which teaching, Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred. teaching, research, conditioned, or to the animals and for which the use of appropriate OF ANIMALS By The Animal research. surgery, or tests were Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C+ accompanying pain or experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs used. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13 6 13. Other Animals u USDA, APHIS, REAC, AC

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACIL Officer or Legally Responsible Institution bove is true, correct, and complete (7 U.S.C. Se	onal official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL ROBERT OF C.E.O. OR INSTITUTIONAL OFFICIAL ROBERT OF C.E.O. OR INSTITUTIONAL OFFICIAL	Ronald D. Keith	IAL OFFICIAL (Type or Print) ASST. MgV.	DATE SIGNED

ASSURANCE STATEMENTS

(707) 285-2200

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0457

CUSTOMER NO. 14659

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT 595 HELMAN LANE **COTATI, CA 94931**

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
		17					
. <i>[</i>	_			·	,		
Notes	/wo (Juinea	Digs We	re housed at	the		
	above	Sacili	ty Jor	the period de	ating		
	July	52001	- Nove	mber 20, 2001	t=(1, 05,0		
	anin	16 Seach	445 C	mearing m	these		
	0.1(0)	w) (3					
ASSURANCE STATEMENTS				DES 10 389			
Professionally acceptable sta	indards governing the care	e, treatment, and use of a	nimals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to, of	during,		
1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior jo, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.							

USDA, APHIS. REAC, AC SACRAMENTO, CA 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL							
(Chief Executive Officer or Legally Responsible Institutional official)							
I certify, that the	above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIA	L (Type or Print)	DATE SIGNED				
Fronald D. Kuth	Ronald D. Keith	Asst. Mgr	12/05/01				
ADUIS FORM 7032A							

(AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

2) Each principal investigator has considered alternatives to painful procedures.

PART 1 - HEADQUARTERS

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

CUSTOMER NO. 15140

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Fiscal Year 2001

93-R-0458 15140 OMB A

NOV

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MATTHIAS RATH, INC. 213 EAST GRAND AVENUE SAN FRANCISCO, CA 94080 (650) 266-7458

3. REPORTING FACILITY (List all locations where animal	s were housed or used in actual research	, testing, teaching, or experimentation,	or held for these purposes. Attach	ı additional
sheets if necessary.) Motthics Ro	th. Inc. 213 1	East Grand AVE	. South Suntra	incisio CA 9409
THAT ME	51.00.00			

FACILITY LOCATIONS(sites)

Same as above

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of apprepriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	nīl	nil	nd	nit	nii
5. Cats	mì	nıl	nič	nul	nel.
6. Guinea Pigs	nit	mt	mì	nil	nel.
7. Hamsters	nil	nil	nd	nut	ml.
8. Rabbits	nil	ni	nil	nit	nil
9. Non-Human Primates	nil	nil	nil	nil	nıl
10. Sheep	ni	ni	nil	nil	ml
11. Pigs	nid	nil	nil	nil	nil
12. Other Farm Animals	nil	nil	nil	rul	ml'
13. Other Animals	nil	ni	nil	nil	nd
ASSURANCE STATEMENTS				TO BEBINE O	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
S-P. Nethe	Senior Researcher	NOV 28,			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 93-R-0459

CUSTOMER NO. 15068

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ARENA PHARMACEUTICALS 6166 NANCY RIDGE DRIVE SAN DIEGO, CA 92121 (858) 453-7200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.)

FACILITY LOCATIONS(sites)

Kesearch

REPORT OF ANIMALS USED BY	OR LINDER CONTROL O	E RESEARCH FACILITY	/ (Attach additional sheets if nace	ssanu or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	2	0	0	0
6. Guinea Pigs	0	0	-0	-0	0
7. Hamsters	0	\ominus	0	Θ	0
8. Rabbits	0	4	0	0	0
9. Non-Human Primates		\rightarrow	0	~	0
10. Sheep	9	0	0	0	0
11. Pigs	0	Θ	0	0	\rightarrow
12. Other Farm Animals	0	4	0	0	-0
13. Other Animals	0	0	Θ	0	0
				DE GEIVE	
ASSURANCE STATEMENTS					
Professionally acceptable sta and following actual research	andards governing the care	e, treatment, and use of a y, or experimentation we	inimals, including appropriate use to followed by this research facility	of anesthetic analysis, and ranguilizing drugs, prior to, o	túring.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual feptit. It addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

4 CV2 3C

APHIS FORM 7023 (AUG 9)1)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Interagency Report Control No Latio 180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 93-R-0450

12283

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

USDA, APHIS, ANIMAL CARE 9580 MICRON AVE., SUITE J SACRAMENTO, CA 95827-2623

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

Allermed Laboratories, Inc.

FACILITY LOCATIONS (Siles)

7203 Convoy Ct.

San Diego, CA 92111

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, festing, axperiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. TO
4. Dogs					
5. Cats					
6. Guinea Pigs	17	230	26		256
7. Hamsters					
8. Rabbits		`			
Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				Wall sould a sould will	
				1404	
				THE THEORY BEACH AC	

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered atternatives to painful procedures.
- 3). This lacility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Strices	H.S. Nielsen, Jr., President	11-07-01			

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete):